

Material Safety Data Sheet
RPW Associates, Inc.
PO Box 35 – Stn. Main
Milton, Ontario, L9T 2Y3
Telephone: (905) 875-1108 Fax: (905) 875-1589

Product: **proSeal C3 MEMBRANE** (VINYL /FABRICATE LAMINATE)

SECTION 1: MANUFACTURER INFORMATION

RPW Associates, Inc.
PO Box 35 – Stn. Main
Milton, Ontario, L9T 2Y3
(905) 875-1108 **In Emergency call: 1-800-992-0072** (Cooley Building Products)

Trade Name: proSeal C3
Product Use: Single Ply Roofing & Waterproofing membranes.
Chemical Name: Not Available.
Chemical Family: Not Available.
CAS#: Not Available

SECTION 2: HAZARDOUS INGREDIENTS

No hazardous ingredients.

Toxicity values of the hazardous ingredients: LD50: Not available. LC50: Not available.

SECTION 3: PHYSICAL DATA

Appearance: Solid	Water/oil Dist. Coeff: Not Available
pH: Not Available	Ionicity (Surface Active Agent): Not Available
Odour: Slight	Critical Temperature: Not Available
Odour Threshold: Not Available	Instability Temperature: 420 F (At this temperature, hazardous decomposition of the vinyl component will occur.)
Volatility: Not Available	
Melting Point: 320 – 350 F (vinyl component)	Conditions of Instability: Hydrogen chloride gas is released.
Specific Gravity: 1.5	
Boiling Point: Not Available	
Vapour Density: Not Available	Dispersion Properties: Not Available
Vapour Pressure: Not Available	Solubility: Vinyl component is insoluble in water, Soluble in MEK, methanol.

Product: proSeal C3 MEMBRANE (VINYL /FABRICATE LAMINATE)

SECTION 4: FIRE AND EXPLOSION DATA

Combustible:	(X) Yes () No
Auto-ignition Temperature:	Not Available
Fire Degradation Products:	CO, CO2, HCL
Flash Points:	Not Available
Flammability Limits:	Not Available
Fire Extinguishing Procedures:	
Small Fire:	Use DRY chemicals, CO2, water spray or foam.
Large Fire:	Use water spray, fog or foam. DO NOT use water jet. Fire fighters should use a self contained breathing apparatus and protective clothing.
Flammability:	No specific information is available in our data base regarding the flammability of this product in presence of various materials.

SECTION 5: REACTIVITY DATA

Stability:	Product is stable, but thermal decomposition can occur at elevated temperatures. (420 F)
Hazardous Decomposition Products:	Thermal decomposition can release HCL.
Degradability:	Not Available
Products of Degradation:	Hydrogen chloride.
Corrosivity:	No specific information is available in our data base regarding the corrosivity of this product in presence of various materials.
Reactivity:	No specific information is available in our data base regarding the corrosivity of this product in presence of various materials.

SECTION 6: TOXICOLOGICAL PROPERTIES

Routes of Entry:	Not Applicable
TLV:	Not Available
Toxicity to Animals:	LD50: Not Available LC50: Not Available

Product: **proSeal C3 MEMBRANE** (VINYL /FABRICATE LAMINATE)

Chronic Effects:

Carcinogenic Effects: Not Available

Mutagenic Effects: Not Available

Teratogenic Effects: Not Available

Toxicity to Reproductive System: Not Available. There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate medical condition.

Acute Effects: No specific information is available in our data base regarding the other toxic effects of this material for humans.

SECTION 7: PREVENTIVE MEASURES

Waste Disposal: Recycle to process, if possible. Dispose of in accordance with Municipal, Provincial and Federal regulations.

Storage and Handling: No specific precautions needed in handling and storage.

Precautions: Local exhaust ventilation required when used at elevated temperatures. Keep away from heat.

Small Spill and Leak: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill and Leak: Our data base contains no additional information in case of a spill and/or a leak of the product. Use a shovel to put the material into a convenient waste disposal container.

Protective Clothing: Goggles, boots and gloves.

The information herein is given in good faith but no warranty, expressed or implied, is made.

JANUARY 01, 2014

Material Safety Data Sheet
RPW Associates, Inc.
PO Box 35 – Stn. Main.
Milton, Ontario, L9T 2Y3
Telephone: (905) 875-1108 Fax: (905) 875-1589

Product: 1700 PVC Contact Adhesive

SECTION I: MANUFACTURER INFORMATION

RPW Associates, Inc.
PO Box 35 – Stn. Main.
Milton, Ontario, L9T 2Y3

(905) 875-1108 **In Emergency call: 1-800-424-9300 or 613-996-6666**

<u>Product Class:</u>	Bonding Adhesive	<u>Hazard Ratings:</u>
<u>Trade Name:</u>	1700 PVC	None 0 Extreme 4
<u>Product code:</u>	AD-200200	Health 3
<u>C.A.S Number:</u>	Mixture	Fire 3
<u>D.O.T. Hazard Class:</u>	Hazard Class 3	Reactivity 2
UN # UN1133		Personal Protection G

SECTION 2: HAZARDS IDENTIFICATION

Emergency Overview: Flammable Liquid.

Appearance: Straw-colored: Physical State: Liquid Odor: Hydrocarbon-like

OSHA Regulatory Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29CFR 1910.1200).

Potential Health Effects

Principle Routes of Exposure : Eye contact, Skin contact, Inhalation, Ingestion.

Acute Toxicity:

 Eyes: May cause mild irritation.

 Skin: Prolonged skin contact may defat the skin and produce dermatitis. May cause skin irritation and/or dermatitis.

 Inhalation: May cause irritation of respiratory tract. May cause drowsiness and dizziness.

 Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects

Chronic Toxicity: Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

Aggravated Medical Conditions: None known

Product: **1700 PVC Contact Adhesive**

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Components:	CAS-No	Weight %
Acetone	67-64-1	15 - 40
Hexanes	110-54-3	15 - 40
Toluene	108-88-3	5- 10

Component	OSHA PEL	ACGIH TLV
Acetone 67-64-1 (15 - 40)	TWA: 1000 ppm TWA: 2400 mg/m ³ (vacated) TWA: 1800 mg/m ³ (vacated) TWA: 750 ppm (vacated) STEL: 1000 ppm (vacated) STEL: 2400 mg/m ³	= 750 ppm STEL 1 321 1 Acetone
Hexanes 110-54-3 (15 - 40)	TWA: 1800 mg/m ³ TWA: 500 ppm (vacated) TWA: 180 mg/m ³ (vacated) TWA: 50 ppm	TWA:50 ppm Skin
Toluene 108-88-3 (5 - 10)	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m ³ Ceiling: 300 ppm	TWA: 20 ppm

SECTION 4: FIRST AID MEASURES

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes

Skin Contact: Wash skin with soap and water

Inhalation: Move to fresh air

Ingestion: Clean mouth with water and afterwards drink plenty of water

Notes to Physician: Treat symptomatically

Product: **1700 PVC Contact Adhesive**

SECTION 5: FIRE - FIGHTING MEASURES

Flammable Properties: Flammable.

Flash Point: -18 °C

Suitable Extinguishing Media: Water spray, dry chemical, carbon dioxide (CO₂), or foam

Hazardous Combustion Products: Carbon oxides

Protective Equipment and precautions for firefighters

As in any fire wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA Health hazard 1 Flammability 3 Stability 0 Physical and Chemical hazards N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear protective gloves/clothing and eye/face protection.

Methods of containment: Prevent further leakage or spillage if safe to do so.

Method for cleaning up: Pick up and transfer to properly labeled containers.

SECTION 7: HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice

Storage: Keep away from open flames, hot surfaces and sources of ignition. Keep container tightly closed in a dry and well-ventilated place.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Guidelines: This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Components	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acetone	= 750 ppm STEL 1 321 1 Acetone	TWA: 1000 ppm TWA: 2400 mg/m ³ (vacated) TWA: 1800 mg/m ³ (vacated) TWA: 750 ppm (vacated) STEL: 1000 ppm (vacated) STEL: 2400 mg/m ³	IDLH: 2500 ppm 10% LEL TWA: 250 ppm TWA: 590 mg/m ³

Product: **1700 PVC Contact Adhesive**

Hexanes	TWA: 50 ppm Skin	TWA 1800mg/m ³ TWA 500 ppm (vacated) TWA: 180mg/m ³ (vacated) TWA: 50 ppm	IDLH: 1100 ppm 10% LEL TWA: 180 mg/m ³ TWA 50 ppm
Toluene	TWA: 20 ppm	TWA 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m ³ Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA 375 mg/m ³ STEL: 150 ppm STEL: 560 mg/m ³
Engineering Measures		Shower Eyewash station Ventilation systems	
Eye/face protection:		Eye protection	
Skin and body protection:		Wear protective gloves/clothing	
Respiratory protection:		If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved organic vapour respiratory protection should be worn.	
Hygiene Measures		Handle in accordance with good industrial hygiene and safety practice.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Straw colored	Physical state:	Liquid
Odor:	Hydrocarbon-like	pH:	Not applicable
Flash point:	-18 ⁰ C	Auto ignition Temperature:	223 ⁰ C
Boiling point/range:	Not applicable	Melting point /range:	Not applicable
Freezing point:	Not applicable	Flammability limits in air:	Upper 12.8 Lower 2.6
Explosion limits:	Not applicable	VOC content:	650 g/L
Specific Gravity:	0.83	Viscosity:	1500-1700 cps

Product: **1700 PVC Contact Adhesive**

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Incompatible products: None known based on information supplied.

Conditions to avoid: Heat, flames and sparks.

Hazardous decomposition products : None known based on information supplied.

Hazardous reaction: Hazardous polymerization does not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Product information: Product does not present an acute toxicity hazard based on known or supplied information.

Irritation: Repeated or prolonged exposure may cause irritation of the eyes and skin.

Components	LD50oral	LD50 Dermal	LC50 inhalation
Acetone	5800 mg/kg (Rat)		
Hexanes	25 g/kg (Rat)	3000mg/kg (Rabbit)	48000ppm (Rat) 4h
Toluene	636 mg/kg (Rat)	12124 mg/kg (Rat) 8390 mg/kg (Rabbit)	12.5 mg/L (Rat) 4h 26700ppm (Rat) 1h

CHRONIC TOXICITY

Chronic Toxicity: Repeated or prolonged skin contact may cause skin irritation and or Dermatitis and sensitization of susceptible persons.

Carcinogenicity: Contains no ingredient listed as a carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY

The environmental impact of this product has not been fully investigated.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal method: Dispose of contents/container in accordance with local regulations.

Product: **1700 PVC Contact Adhesive**

SECTION 14: TRANSPORT INFORMATION

DOT

Proper shipping name: Flammable liquids(acetone,hexane,toluene)
Hazard class: 3
UN-No: 1133
Packing group: II

TDG Regulated

MEX Regulated

IATA Regulated

IMDG/IMO Regulated

SECTION 15: REGULATORY INFORMATION

International inventories

TSCA: Complies

DSL: Complies

EINECS/ELINCS: Does not comply

ENCS: Does not comply

IECSC: Does not comply

KECL: Does not comply

PICCS: Does not comply

AICS: Does not comply

U.S. Federal regulations

SARA 313 Section of title III of the superfund amendments and reauthorization act of 1986 (SARA).
This product does not contain any chemicals which are subject to the reporting requirements of the act and title 40 of the code of federal regulations, Part 372.

Components	CAS-No	Weight%	SARA 313- Threshold Values%
Hexanes	110-54-3	15-40	1.0
Toluene	108-88-3	5-10	1.0

Product: **1700 PVC Contact Adhesive**

SARA 311/312 Hazard Categories

Acute health	No
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

Clean water act

This product does not contain any substances regulated as pollutants pursuant to the clean water act (40 CFR 122.21 and 40CFR122.42)

Components	CWA-Reportable Quantities	CWA-toxic Pollutants	CWA priority Pollutants	CWA –Hazardous Substances
Toluene 108-88-3 (5-10)		X	X	X

Clean air act section 112 Hazardous air pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substance regulated as hazardous air pollutants (HAPS) under section 112 of the clean air act amendments of 1990.

CERCLA

This material, as supplied, does not contain any substance regulated as hazardous under the comprehensive Environmental response compensation and liability act (40 CFR 302) or the superfund amendment and reauthorization Act (SARA) (40CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to release of this material.

Components	Hazardous substance RQs	Extremely hazardous substances RQs
Acetone	5000 lb	
Hexanes	5000 lb	
Toluene	1000 lb	

U.S. State Regulations

California Proposition 65
This product does not contain any proposition 65 chemicals

Components	CAS- No	California prop. 65
Toluene	108-88-3	Developmental

Product: **1700 PVC Contact Adhesive**

U.S. State right to know regulation

Components	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode island
Acetone	X	X	X		X
Hexanes	X	X	X	X	X
Toluene	X	X	X	X	X

International regulations

Components	Carcinogen status	Exposure limits
Acetone		Mexico: TWA=1000ppm Mexico: TWA= 2400mg/m ³ Mexico: STEL= 1260 ppm Mexico: STEL= 3000 mg/m ³
Hexanes		Mexico: TWA= 176 mg/m ³ Mexico: TWA=1760 mg/m ³ Mexico: STEL= 1000 ppm Mexico: STEL= 3500 mg/m ³
Toluene		Mexico: TWA= 50 ppm Mexico: TWA= 188 mg/m ³

Canada

This product has been classified in accordance with the hazard criteria of the controlled products regulations (CPR) and the MSDS contains all information required by the CPR.

WHMIS Hazard class

B2 Flammable liquid

D2B Toxic material



Components	NPRI
Hexanes	X
Toluene	X

Product: **1700 PVC Contact Adhesive**

SECTION 16: OTHER INFORMATION

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Printed: January 01, 2014

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**RPW Associates, Inc.
P.O. Box 35 Stn. Main
Milton, On. L9T 2Y3
Telephone (905) 875-1108 Fax (905) 875-1589**

Product: **PSR 4500 [everstick 864]**

SECTION 1 – MATERIAL IDENTIFICATION

In emergency call: 1-800-424-9300 or 613-996-6666

Date January 01, 2014

C.A.S. Chemical Name Mixture

Chemical Family Acrylic Terpolymer

Empirical Formula Mixture

HMIS/NFPA Health 1 Flammability 0 Reactivity 0

Hazards Low Hazard for usual industrial or commercial handling by trained personnel.

Extinguishing Media This product will only burn after the water it contains is driven off

SECTION 2 - INGREDIENTS

Number	Percent	CAS Number	Chemical Name
1.	45-55	7732-18-5	Water
2.	55-65	Proprietary*	Acrylic Terpolymer

* Acrylic Terpolymer Product as sold is not considered hazardous or dangerous.
HMIS Code 1-0-0
NFPA Code 1-0-0

Remaining components, if any, are not hazardous as defined by OSHA Hazard Communication Standard 29 CFR 1910.1200, or are present at less than 1% (0.1% for carcinogens).

OSHA (ACGIH) Exposure Limits

		TWA		STEL		CEILING	
		ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
1	OSHA	n/e	n/e	n/e	n/e	n/e	n/e
	ACGIH	n/e	n/e	n/e	n/e	n/e	n/e

n/e = Not Established

Product: **PSR 4500 [everstick 864]**

SECTION 3 - HEALTH HAZARDS

Routes Of Exposure: Eye contact, Skin contact, Ingestion, Inhalation

Exposure Standards: Formaldehyde concentrations in the workplace air may exceed the TLV under certain conditions of use. See Section 2 for exposure standards on ingredients. Maintain air contaminant concentrations in the workplace at the lowest feasible levels. Minor components will migrate into the container headspace. Levels in excess of the TLV's or PEL's can accumulate in non-vented container headspaces. Open drums in a well ventilated space. The principal volatile component is water. Minor volatile components are identified in Section 2 "Ingredients".

Health Hazards: There are no known health hazards.

Target Organs: None known

Carcinogens under OSHA, ACGIH, NTP, IARC : This product contains no carcinogens in concentrations of 0.1 percent or greater.

SECTION 4 - FIRST AID

EYE: Flush eyes with plenty of water
SKIN: Wash affected area with soap and water
INGESTION: If swallowed, seek medical attention
INHALATION: Remove to fresh air if effects occur. Consult a physician.

SECTION 5 - FIRE AND EXPLOSION DATA

Flammable Properties: Not Applicable
Flammable Limits: LFL/UFL: Not Applicable
Extinguishing Media: Aqueous solution is not flammable.
Special Fire Fighting Procedures: None; product is noncombustible
Unusual Fire and Explosion Hazards: When dried polymer burns, water, carbon dioxide, carbon monoxide and smoke are produced

SECTION 6 - ACCIDENTAL RELEASE MEASURES (See Section 15 for Regulatory information

Protect People: Avoid contact with eyes and skin

Protect The Environment: Contain material to prevent contamination of soil, surface water or ground water.

Cleanup: Recover and recycle spilled latex if possible, otherwise, collect with absorbent material and transfer to appropriate containers for disposal. Water may be used for final cleaning of affected area.

Product: **PSR 4500** [everstick 864]

SECTION 7 - HANDLING AND STORAGE

Handling: Practice reasonable care to avoid repeated, prolonged skin contact.
Addition of chemicals may cause coagulation.

Storage: Store at temperatures between 40F and 110F. May coagulate if frozen
at 32F. Material may develop bacteria odor on long-term storage.
No safety problems known.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Good ventilation should be sufficient for most conditions.
Local exhaust ventilation may be necessary for some operations.

Personal Protective Equipment: Eye/Face protection: -Use safety glasses.

Skin Protection: Use gloves impervious to this material when prolonged or frequently
repeated contact could occur.

Respiratory Protection: No respiratory protection should be needed.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical form:	Mobile liquid	Color: White
Odor:	Sweet	pH: 4-7
Vapor Pressure:	18.6 mmHg @21C	Vapor Density: of water vapor
Boiling Point:	212F	Specific Gravity: 1.01-1.05
Solubility in water:	Latex is dilutable.	Polymer component is insoluable.

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended storage conditions. See Section 7.

Conditions to Avoid: N/A

Incompatibility: Mineral acids, Alkalis

Hazardous Decomposition Products: Hazardous decomposition products depend upon temperature
air supply, and the presence of other materials.

Hazardous Polymerization: Will not occur

Product: **PSR 4500 [everstick 864]**

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Oral, Acute Dermal, Acute Inhalation: No Data
Irritation Effects Data: Non-irritant to the skin of a rabbit
Chronic/subchronic Data: None known

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Material is practically non-toxic to aquatic organisms on an acute basis LC50/EC50 > 100 mg/L in most sensitive species

SECTION 13 - DISPOSAL CONSIDERATIONS (See Section 15 for Regulatory Information)

Waste Disposal: **DO NOT DUMP INTO SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER.** All disposal methods must be in compliance with all Federal, State, and Local laws and regulations. Regulations may vary in different locations. Waste compliance with applicable laws are the responsibility solely of the waste generator.

SECTION 14- TRANSPORT INFORMATION

Department of Transportation: This product is not regulated by D.O.T. when shipped domestically by land.

SECTION 15 – REGULATORY INFORMATION

Toxic Substances Control Act: All components are included in the EPA Chemical Substance Inventory.

OSHA Hazard Communication Standard (29CFR1910.1200) hazard class: none

EPA SARA Title III Section 312 (40CFR370) hazard class: none

EPA SARA Title III Section 313 (40CFR372) toxic chemicals above "de minimis" level are: none

State Regulations: Proposition 65 substance (components known to the State of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and Toxic Enforcement Act of 1986" : Formaldehyde, Acetaldehyde

New Jersey Trade Secret Registry Number: 05995500

Canadian WHIMIS Classification: Not WHIMIS Hazardous

RCRA Regulations: At this time, this would not be considered hazardous waste as defined under the federal RCRA regulations [40 CFR 261] if discarded. Care should be taken however to ensure that the material or its container are disposed of in an approved facility in accordance with current federal, state and local regulations. Additional information may be obtained by contacting your state or local solid waste agency.

Product: **PSR 4500** [everstick 864]

SECTION 16 – MISCELLANEOUS

Judgments as to the suitability of the information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information, **CORPORATE RESEARCH SERVICES, INC. EXTENDS NO WARRANTIES, MAKES NO REPRESENTATIONS AND ASSUMES NO RESPONSIBILITIES AS TO THE ACCURACY OR SUITABILITY OF SUCH INFORMATION FOR APPLICATION TO PURCHASER'S INTENDED PURPOSE OR FOR CONSEQUENCES OF ITS USE.**

Revised January 01, 2014

Material Safety Data Sheet
RPW Associates Inc.
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Telephone:(905) 875-1108 Fax: (905)875-1589

Product: **PSR-PVC Metal**

Section 1: Manufacturer Information

These products do not meet the criteria of hazardous chemicals as defined by OSHA Code of Federal Regulations and the Federal Occupational Safety and Health Communication Standards. They are defined as “articles” and are therefore exempt from MSDS documentation requirements.

RPW Associates Inc..
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Revised January 01, 2014

Material Safety Data Sheet

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Telephone:(905) 875-1108 Fax: (905)875-1589

Product: **PSR-Disc**

Section 1: Manufacturer Information

These products do not meet the criteria of hazardous chemicals as defined by OSHA Code of Federal Regulations and the Federal Occupational Safety and Health Communication Standards. They are defined as “articles” and are therefore exempt from MSDS documentation requirements.

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Revised January 01, 2014

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Telephone: (905) 875-1108 Fax: (905) 875-1589

Product: **PSR- Butyl Tape**

SECTION 1: MANUFACTURER INFORMATION

Trade name:	Protape
Supplier:	RPW Associates
Emergency Phone:	(613)996-6666
Product use:	Tape

SECTION 2 - HAZARDS IDENTIFICATION

Emergency Overview

Black. Semi-sold. No serious effects anticipated under normal conditions of use. Generally not required under normal conditions of use.

Acute Potential Health Effects/ Routes of Entry

Inhalation:	No serious effects anticipated under normal conditions of use.
Eyes:	Not applicable under normal conditions of use. Direct contact may cause temporary redness and discomfort.
Ingestion:	No known adverse effects.
Skin:	No effects anticipated.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may aggravated by exposure.

Chronic Health Effects

Carbon black is classified by IARC to be known animal carcinogen and possible human carcinogen (Group 2B) Prolonged and repeated exposure to excessive airborne concentrations of talc can result in scarring of the lungs(pneumoconiosis) or the covering of the lungs(pleural thickening).

SECTION 3 - HAZARDOUS INGREDIENTS

This is not a controlled product as defined in the Canadian Workplace Hazardous Material Information System (WHMIS)

SECTION 4 – FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation:	Generally not required under normal conditions of use.
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Product: **PSR- Butyl Tape**

Eye contact:	Generally not required under normal conditions of use.
Skin contact:	Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
Ingestion:	Get medical attention. Do not induce vomiting.

SECTION 5: FIRE/EXPLOSION HAZARDS

Flash point:	Not available.
Method:	Not available.
Burning rate:	Non-flammable solid.
Lower explosion limit:	Not available.
Upper explosion limit:	Not available.
Autoignition temperature:	Not available.
Extinguishing media:	If water fog is ineffective, use carbon dioxide, dry chemical or foam.
Hazardous combustion Products:	Smoke, fumes. Carbon monoxide and carbon dioxide can foam.
Protective equipment for Firefighters:	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self contained breathing apparatus (SCBA) .
Fire and explosion Conditions:	This product not expected to ignite under normal conditions of use.

SECTION 6 – SPILLS/LEAKS/ACCIDENTAL RELEASE MEASURES

Transfer to appropriate container for disposal.

SECTION 7 – HANDLING AND STORAGE

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. store under dry warehouse conditions away from heat and all ignition sources.

Product: **PSR- Butyl Tape**

SECTION 8 – PREVENTIVE MEASURES/EXPOSURE CONTROL/ PERSONAL PROTECTION

Personal protective equipment

Respiratory protection: Not required under normal conditions of use.

Hand protection: Protect hands with impervious gloves.

Eye protection: Generally not required under normal conditions of use. Use safety glasses if eye contact is likely.

Skin and body protection: Not required

Protective measures: Other equipment not normally required. Use professional judgement in the selection, care, and use.

Engineering measures: Not required under normal conditions of use. Use only in well ventilated areas. Provide maximum ventilation in enclosed areas.

Exposure Limits

<u>Chemical Name</u>	<u>CAS number</u>	<u>Regulations</u>	<u>Limit</u>	<u>Form</u>
Carbon black	1333-864	ontario TWAEV: ACGIH TWA:	3.5 mg/m ³ 3.5 mg/m ³	

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid tape bulk

Form: Semi-solid

Color: Black

Odor: Negligible

pH: Not available

Vapour pressure: Not available

Vapor density: Heavier than air

Melting point/range: Not available

Freezing point: Not available

Boiling point/range: Not available

Water solubility : Negligible

Evaporation Rate: Not available.

Specific Gravity : 1.24

% Volatile weight: 0%

SECTION 10 – REACTIVITY/STABILITY

Substances to avoid : Oxidizing agents.

Stability : Material is stable under normal storage, handling, and use.

Hazardous polymerization : Will not occur under normal conditions.

SECTION 11 – TOXICOLOGICAL INFORMATION

No Data Available

SECTION 12 – ECOLOGICAL INFORMATION

No Data Available

SECTION 13 – WASTE DISPOSAL CONSIDERATION

Disposal Method : Dispose in suitable container as non-hazardous waste according to all applicable regulations.

SECTION 14 – TRANSPORTATION / SHIPPING DATA

TDG: Not Regulated

CFR / DOT: Not Regulated

IMDG: Not Regulated

SECTION 15 – REGULATORY INFORMATION

North American Inventories:

All components are listed or exempt from the TSCA inventory.
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

Canadian Regulations:

WHMIS Classification : Not Controlled
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

Other Regulations:

Regulatory VOC (less water and 0 g/l
exempt solvent)

Product: **PSR- Butyl Tape**

SECTION 16 – OTHER INFORMATION

HMIS Rating :

Health 1	0 = Minimum
Flammability 1	1 = Slight
Reactivity 0	2 = Moderate
PPE	3 = Serious
	4 = Severe

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Legend

ACGIH - American Conference of Governmental Hygienists OSHA - Occupational Safety and Health Administration
DOT - Department of Transportation PEL - Permissible Exposure Limit
DSL - Domestic Substance List RCRA - Resource Conservation and Recovery Act
EPA - Environmental Protection Agency STEL - Short Term Exposure Limit
HMIS - Hazardous Materials Information System TLV - Threshold Limit Value
IARC - International Agency for Research on Cancer TSCA - Toxic Substances Control Act
MSHA - Mine Safety Health Administration TWA - Time Weighted Average
NDSL - Non-Domestic Substance List V - Volume
NIOSH - National Institute for Occupational Safety and Health VOC - Volatile Organic Compound
NTP - National Toxicology Program WHMIS - Workplace Hazardous Materials Information System

Revised January 1, 2014

Material Safety Data Sheet
RPW Associates Inc.
P.O. Box 35 Stn. Main
Milton, Ontario L9T 2Y3
Telephone:(905) 875-1108 Fax: (905)875-1589

Product: **PSR-Roof Drain**

Section 1: Manufacturer Information

These products do not meet the criteria of hazardous chemicals as defined by OSHA Code of Federal Regulations and the Federal Occupational Safety and Health Communication Standards. They are defined as “articles” and are therefore exempt from MSDS documentation requirements.

RPW Associates Inc.
P.O. Box 35 Stn. Main
Milton, Ontario
L9T 2Y3
(905) 875-1108

Revised: January 01, 2014

Material Safety Data Sheet
RPW Associates Inc.
P.O. Box 35 Stn Main
Milton, Ontario L9T 2Y3
Telephone: (905) 875-1108 Fax: (905) 875-1589

Product: **PSR-Sealant**

SECTION I: MANUFACTURER INFORMATION

RPW Associates Inc.
P.O. Box 35 Stn Main
Milton, Ontario L9T 2Y3
(905) 875-1108 **In Emergency call 403-252-7803**

Trade Name PSR-Sealant
Product Use: Joint Sealant
P.I.N. #: 1866

SECTION II: HAZARDOUS INGREDIENTS

<u>Ingredients:</u>	<u>0/0 WT Range:</u>
Xylene	8 – 10%
Aliphatic Naphtha	5 – 8%
Methyl Ethyl Ketone	2 – 5%

SECTION III: PHYSICAL DATA

Physical State: Paste of various colour
Specific Gravity: 1.22
Odour: Strong, aromatic odour
Solubility in Water: Negligible

SECTION IV: FIRE AND EXPLOSION DATA

Flash Point: Non-flammable solid by WHIMS criteria.
Means of Extinction: If water fog is ineffective, use carbon dioxide, dry chemical or foam.
Conditions of Flammability: High heat and ignition sources. Vapours may travel to sources of ignition.

SECTION V: HEALTH HAZARD DATA

Routes of Entry:

Acute Exposure Effects:

Ingestion: May cause nausea, vomiting or irritation of intestinal tract.

Eyes: May cause irritation.

Skin: May cause irritation.

Inhalation: May cause headache, dizziness, or irritation to respiratory system.

Chronic Exposure Effects:

Over exposure to vapours may adversely affect the nerves, heart, liver, kidneys, brain or respiratory system.

Material Safety Data Sheet
RPW Associates Inc.
P.O. Box 35 Stn Main
Milton, Ontario L9T 2Y3
Telephone: (905) 875-1108 Fax: (905) 875-1589

Product: **PSR- Sealant**

SECTION VI: FIRST AID MEASURES

Inhalation: Leave area to breath fresh air. Avoid further overexposure. If symptoms persist, get medical attention, Give artificial respiration if necessary.

Skin Contact: Wash affected area with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention.

Eye Contact: Flush immediately with running water for 15 minutes. Get medical attention.

Ingestion: Get medical attention immediately. If unavailable, call nearest Poison Control Centre.
DO NOT INDUCE VOMITING.

SECTION VII: REACTIVITY DATA

Stability Conditions: Stable under normal conditions of use.

Incompatible Classes: Not applicable.

SECTION VIII: PREVENTATIVE MEASURES

Personal Protective Equipment:

Eyes: Generally not required. Use safety glasses if eye contact is likely.

Skin: Impervious gloves (eg. Nitrate) should be used to avoid excessive skin contact.

Respiration: Use an approved organic vapour respirator. Adequate ventilation is preferred.

Engineering Controls: Use local exhaust if symptoms of overexposure occur or if the general ventilation is insufficient.

Spills or Leaks: Remove sources of ignition immediately. Ventilate if necessary. Scoop up and transfer to suitable container for disposal.

Waste Disposal: Non-hazardous waste regulations for storage, transportation and disposal apply. Dispose according to local regulations.

Handling Procedures: KEEP OUT OF REACH OF CHILDREN. Avoid heat, sparks, flames, smoking, etc., during transportation, storage handling and application. Guard against ingestion, inhalation of vapours and contact with eyes and skin. Change soiled work clothes and clean hands frequently. Provide maximum ventilation in confined areas. Do not use inside occupied buildings. Close all openings to occupied sections until vapours dissipate. Keep food away from vapours. Precautions also apply to empty containers and for maintenance or repair of contaminated equipment. Close containers when not in use.

Storage: Store in sealed containers, below 30 oC under normal warehouse conditions.

Revised: January 01, 2014

Material Safety Data Sheet
RPW Associates Inc.
P.O. Box Stn. Main
Milton, Ontario L9T 2Y3
Telephone: (905) 875-1108 Fax: (905) 875-1589

Product: **PSR-VB10**

SECTION I: MANUFACTURER INFORMATION

RPW Associates Inc.
P.O. Box 35 Stn. Main
Milton, Ontario
L9T 2Y3
(905) 878-1108

This product does not meet the criteria of hazardous chemicals as defined by OSHA Code of Federal Regulations and the Federal Occupational Safety and Health Communication Standards. They are defined as "articles" and are therefore exempt from MSDS documentation requirements.

January 01, 2014

Material Safety Data Sheet
RPW Associates Inc.
P.O. Box 35 Stn. Main
Milton, Ontario L9T 2Y3
Telephone:(905) 875-1108 Fax: (905)875-1589

Product: **PVC Strip**

Section 1: Manufacturer Information

These products do not meet the criteria of hazardous chemicals as defined by OSHA Code of Federal Regulations and the Federal Occupational Safety and Health Communication Standards. They are defined as “articles” and are therefore exempt from MSDS documentation requirements.

RPW Associates Inc.
P.O. Box Stn. Main
Milton, Ontario,
L9T 2Y3
(905) 875-1108

Revised January 01, 2014

Material Safety Data Sheet
RPW Associates Inc.
P.O. Box 35- Stn. Main
Milton, Ontario L9T 2Y3
Telephone:(905) 875-1108 Fax: (905)875-1589

Product: **Termination Bar and Termination Bar J**

Section 1: Manufacturer Information

These products do not meet the criteria of hazardous chemicals as defined by OSHA Code of Federal Regulations and the Federal Occupational Safety and Health Communication Standards. They are defined as “articles” and are therefore exempt from MSDS documentation requirements.

RPW Associates Inc.
P.O. Box 35- Stn. Main
Milton, Ontario,
L9T 2Y3
(905) 875-1108

Revised January 01, 2014

Material Safety Data Sheet
RPW Associates Inc
P.O. Box 35 Stn. Main
Milton, Ontario L9T 2Y3
Telephone: (905) 875-1108 Fax: (905) 875-1589

Product: **PSR- Bonding Tape**

SECTION 1: PRODUCT IDENTIFICATION

Product: **ProBond Tape**
24 Hour Emergency Assistance – Infotrac (800)-535-5053
Chemical Name: N/A
Chemical Family: Polyolefin and Synthetic Elastomer
Formula: N/A

HMIS/NFPA HAZARD RATINGS: Health Hazard: 0 Flammability Hazard 1 Reactivity Hazard 0
--

SECTION 2 - HAZARDOUS COMPONENTS

NONE

SECTION 3 – PHYSICAL DATA

Boiling Point Range: N/A	Percent Volatile by Weight: N/A
Vapor Pressure: N/A	Evaporation Rate: N/A
Vapor Density: N/A	Appearance and Odor: Gray Sealant
Solubility in Water: Insoluble	Specific Gravity: 1.04 (adhesive)

SECTION 4 – FIRE AND EXPLOSIONHAZARD DATA

Flash Point and Method: 450 Degrees Fahrenheit COC
Flammable Limits: N/A
Extinguishing Media: Carbon dioxide, dry chemical, foam, water fog, and water spray
Special Fire Fighting Procedures: Use water spray to cool fire exposed surfaces and to protect personnel.
Unusual Fire and Explosion Hazards: To

Product: **PSR- Bonding Tape**

SECTION 5: HEALTH HAZARD DATA

Permissible Exposure Level: N/A

Effects of Overexposure:

- **Eyes:** N/A
- **Ingestion:** Acute oral LD50 is greater than 10g/kg
- **Inhalation:** N/A
- **Skin:** N/A.

Emergency and First Aid Procedures:

- **Eyes:** Flush with water.
- **Ingestion:** Contact a physician
- **Inhalation:** N/A
- **Skin:** Remove with waterless hand cleaner. Wash with soap and water

Medical Conditions generally aggravated by exposure: N/A

Primary Routes of Entry:

- **Eyes:** None
- **Ingestion:** Not a normal exposure
- **Inhalation :** None
- **Skin:** None

Chemicals contained herein listed as carcinogens or potential carcinogens:

NTP: NONE **IARC:** NONE **OSHA:** NONE

SECTION 6 – REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Overheating

Incompatibility (Material to Avoid): Avoid contact with strong oxidizing agents

Hazardous Decomposition Products: Flammable Hydrocarbons

Hazardous Polymerization: Will not occur.

SECTION 7 – SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Sweep up

Waste disposal method: Dispose of in accordance with Federal, State and local regulations.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory Protection: N/A

Ventilation: N/A

Eye Protection: N/A

Protective Gloves: N/A

Product: **PSR- Bonding Tape**

SECTION 9 – SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Do not store near flame, heat or strong oxidizing agents.

SECTION 10 – NOTES

Note: N/A = not applicable

NE = not established

Issue Date: February 21, 1996 (kk) **Issued By:** D. Kathrein

Revision Date: March 17, 2000 **Review Date:** September 1, 2009 D Kathrein

Information herein is given in good faith and is, to the best of our knowledge and belief, accurate and reliable. However, since information herein was obtained, in part, from independent suppliers not under the direction and supervision of ETERNABOND, INC., ETERNABOND, INC., makes no warranty or representation, express or implied, that information is accurate, reliable, complete or representative. ETERNABOND, INC., warrants only that it has made no effort to censor other than trade secret information or to conceal deleterious aspects of its products. The data shown above in no way modifies, amends, or enlarges any specifications or warranty.

All components of this product are listed in the EPA/TSCA Inventory or Chemical Substances.

REVISED: JANUARY 1 2014

Material Safety Data Sheet
 RPW Associates Inc
 P.O. Box 35 Stn. Main
 Milton, Ontario L9T 2Y3
 Telephone: (905) 875-1108 Fax: (905) 875-1589

Product: **ETERNABOND ETERNAPRIME**

SECTION 1: PRODUCT IDENTIFICATION

Product: **ETERNABOND ETERNAPRIME**
 24 Hour Emergency Assistance – Infotrac (800)-535-5053
 Chemical Name: Mixture
 Chemical Family: Mixture

HMIS/NFPA HAZARD RATINGS: Health Hazard: 1 Flammability Hazard 3 Reactivity Hazard 0
--

SECTION 2 - HAZARDOUS COMPONENTS

NAME	C.A.S. #	EXPOSURE LIMITS	% by Weight
Thermoplastic Rubber	66070-58-4	OSHA PEL NA ACGIH TLV NA	3-7
Hydrocarbon Resin	69430-35-9	OSHA PEL NA ACGIH TLV NA	5-11
*Hexane	110-54-3	OSHA TWA: 50ppm (skin) 50 ppm (skin)	70-95
Tetrakis[methylene(3,5,-di-(tert)-butyl -4-hydroxyhydrocinnamate)]methane	6683-19-8	OSHA TWA: NE ACGIH TWA: NE	.01-.05

~Denotes constituent of above listed ingredient. % Concentration is of product mass.

* Identified as SARA section 313 reportable.

SECTION 3 – PHYSICAL DATA

BOILING POINT: 69° C

SPECIFIC GRAVITY: .75

FLASH POINT (SETA): -23°C (-9°F)

VAPOR DENSITY: 3.0

EVAPORATION RATE: 8.1
(butyl acetate = 1.0)

SOLUBILITY: NEG

APPEARANCE AND ODOR: Clear liquid with a hydrocarbon odor.

Product: **ETERNABOND ETERNAPRIME**

SECTION 4 – FIRE AND EXPLOSIONHAZARD DATA

EXTINGUISHING MEDIA: Class “B” dry chemical, carbon dioxide, or other suitable extinguishing material such as dry sand. Do not use halogenated agents. When flames have been eliminated, cover residue with dry extinguishing agent or dry sand and allow it to remain undisturbed until it has cooled. If fire appears to increase in intensity, stop using these agents. Apply Class “D” extinguishing agent or more dry, inert, granular material. Ring fire with extinguishing material and allow the fire to burn out.

SPECIAL FIRE FIGHTING PROCEDURES: If the fire does not respond to above agents or they are not available, use foam or water FOG as a last resort. Water may also be used to cool exposed, but not burning, containers. These products may float and be re-ignited on top of water. Personnel fighting fire should use a self contained breathing apparatus.

UNUSUAL FIRE and/or EXPLOSION HAZARDS: Closed containers may explode in a fire. Keep containers cool and remove to a safe location.

SECTION 5: HEALTH HAZARD DATA

EYE CONTACT: These products are mildly irritating to the eyes. The effect of prolonged eye contact is not known. Flush with water immediately for at least 15 minutes. Seek Medical attention immediately.

SKIN CONTACT: Prolonged or repeated contact can cause dermatitis. Wash skin with waterless hand cleaner followed by soap and water. If redness appears treat it as a sunburn, if redness persists or rash appears seek medical attention immediately.

INHALATION: Upper respiratory tract irritation. May cause nausea or dizziness. High vapor concentrations can cause central nervous system depression, liver, and kidney damage. Remove individual to fresh air, upwind from fume source. If irritation persists seek medical attention immediately.

INGESTION: Acute gastrointestinal tract irritation. **DO NOT INDUCE VOMITING.** Prevent aspiration into lungs. Aspiration of even small amounts into lungs may result in aspiration pneumonitis. Seek medical attention immediately.

Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure to these products. Exposure to high concentrations of fumes may have an anesthetic effect.

Product: **ETERNABOND ETERNAPRIME**

SECTION 6 – REACTIVITY DATA

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
INCOMPATIBILITY:	Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon, various hydrocarbon fragments

SECTION 7 – SPILL OR LEAK PROCEDURES

PRECAUTIONS IN CASE OF SPILL: Contain spill as quickly as possible. Keep flowing material away from heat, sparks, or open flames. Do not smoke near a spill. Use clay (Oil Dry™), sand, earth, etc. to absorb the spill. Put material into a suitable steel drum which can be closed securely.

WASTE DISPOSAL: Bury in an approved landfill according to federal, state, and local regulations. Empty containers that have been completely emptied and the residue allowed to dry are not considered hazardous waste.

HANDLING & STORAGE PRECAUTIONS: Store away from heat, sparks, and open flames. Solvent vapors are heavier than air and may be moved from the source location by ventilation systems to points far away. Do not store near oxidizers.

OTHER PRECAUTIONS: Keep container closed when not in use. Store in a dry ventilated area. Maintain package labeling during storage.

SECTION 8 – SPECIAL PROTECTION INFORMATION

VENTILATION: Use natural cross ventilation, local (mechanical) pick-up, and/or general area mechanical cross ventilation. Ventilation pattern should be designed to prevent accumulation of heavier than air solvent vapors. Ventilation must be sufficient to maintain solvent vapor concentrations below the TLV.

RESPIRATORY PROTECTION: As required if airborne concentrations are above the TLV. If respirators become necessary use NIOSH approved unit for organic vapor and dusts.

PROTECTIVE CLOTHING: As necessary to prevent wetting of the skin.

EYE PROTECTION: As necessary in accordance with 29 CFR 1910.113

OTHER PRECAUTIONS: With good industrial hygiene no other precautions should be necessary. These products are intended for professional use. Use only after the appropriate Product Data Bulletin has been read and understood.

Product: **PSR- Bonding Tape**

SECTION 9 – SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: For industrial use only. Keep out of reach of children. Keep container closed. Avoid prolonged or repeated contact with skin. Avoid breathing vapors. Do not take internally. Store in a cool place. Store in tightly closed containers in a ventilated fire resistant area away from heat, open flame, sparks or strong oxidizing agents. Ground all equipment. Use only in a well ventilated area. Use only non-sparking tools. Vapors are heavier than air and will collect in low areas such as pits. Chronic overexposure may create health risks. Wash thoroughly after handling or contact. Do not eat, drink or smoke in areas where this product is used. Do not apply air pressure, puncture or weld on or near containers. Do not reuse containers.

SECTION 10 – NOTES

DOT INFORMATION:

EternaPrime is regulated as Flammable Liquids per CFR 172.504. All bulk shipments in containers with a capacity of 119 gallons or more and all other shipments over 1000 lbs. MUST display Flammable placards and be fully secured before and during transit. They must be placed on all four sides of the vehicle.

UN#: 1866

Class: 3

Packing Group: II

NA

Note: NA = not applicable

Issue Date: May 1, 2006

Revision Date: September 1, 2009

NE = not established

Issued By: R. Barry

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REVISED: JANUARY 1 2014

Material Safety Data Sheet
RPW Associates Inc
P.O. Box 35 Stn. Main
Milton, Ontario L9T 2Y3
Telephone: (905) 875-1108 Fax: (905) 875-1589

Product: **ETERNABOND ROOFSEAL**

SECTION 1: PRODUCT IDENTIFICATION

Product: **ETERNABOND ROOFSEAL**
24 Hour Emergency Assistance – Infotrac (800)-535-5053

Chemical Name: N/A
Chemical Family: Polyolefin and Synthetic Elastomer
Formula: N/A

HMIS/NFPA HAZARD RATINGS: Health Hazard: 0 Flammability Hazard 1 Reactivity Hazard 0
--

SECTION 2 - HAZARDOUS COMPONENTS

NONE

SECTION 3 – PHYSICAL DATA

Boiling Point Range: N/A
Vapor Pressure: N/A
Vapor Density: N/A

Percent Volatile by Weight: N/A
Evaporation Rate: N/A
Appearance and Odor: White, Black, Grey, Tan,
and Champagne tapes

Solubility in Water: Insoluble
Specific Gravity: 1.04 (adhesive)

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: 450 Degrees Fahrenheit COC
Flammable Limits: N/A
Extinguishing Media: Carbon dioxide, dry chemical, foam, water fog, and water spray
Special Fire Fighting Procedures: Use water spray to cool fire exposed surfaces and to protect personnel.
Unusual Fire and Explosion Hazards: Toxic gases will form upon combustion.

Product: **ETERNABOND ROOFSEAL**

SECTION 5: HEALTH HAZARD DATA

Permissible Exposure Level: N/A

Effects of Overexposure:

- **Eyes:** N/A
- **Ingestion:** Acute oral LD50 is greater than 10g/kg
- **Inhalation:** N/A
- **Skin:** N/A.

Emergency and First Aid Procedures:

- **Eyes:** Flush with water
- **Ingestion:** Contact a physician
- **Inhalation:** N/A
- **Skin:** Remove with waterless hand cleaner. Wash with soap and water

Medical Conditions generally aggravated by exposure: N/A

Primary Routes of Entry:

- **Eyes:** None
- **Ingestion:** Not a normal exposure
- **Inhalation :** None
- **Skin:** None

Chemicals contained herein listed as carcinogens or potential carcinogens:

NTP: NONE **IARC:** NONE **OSHA:** NONE

SECTION 6 – REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Overheating

Incompatibility (Material to Avoid): Avoid contact with strong oxidizing agents

Hazardous Decomposition Products: Flammable hydrocarbons

Hazardous Polymerization: Will not occur.

SECTION 7 – SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Sweep up

Waste disposal method: Dispose of in accordance with Federal, State and local regulations.

Product: **ETERNABOND ROOFSEAL**

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory Protection: N/A
Ventilation: N/A

Eye Protection: none
Protective Gloves: N/A

SECTION 9 – SPECIAL PRECAUTIONS

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ETERNABOND, INC., ETERNABOND, INC., makes no warranty or representation, express or implied, that information is accurate, reliable, complete or representative. ETERNABOND, INC., warrants only that it has made no effort to censor other than trade secret information or to conceal deleterious aspects of its products. The data shown above in no way modifies, amends, or enlarges any specifications or warranty.

All components of this product are listed in the EPA/TSCA Inventory or Chemical Substances.

REVISED: JANUARY 01, 2014

Material Safety Data Sheet
RPW Associates Inc
P.O. Box 35 Stn. Main
Milton, Ontario L9T 2Y3
Telephone: (905) 875-1108 Fax: (905) 875-1589

Product: **BUILDING WRAP**

SECTION 1: PRODUCT IDENTIFICATION

TRADE NAME: FABRENE® WOVEN
MANUFACTURER: POLYOLEFIN FABRIC
SUPPLIER: Fabrene Inc.
ADDRESS: Fabrene Inc.
TELEPHONE: 240 Dupont Rd.
FACSIMILE: North Bay, Ontario P1B 9B4
E-MAIL: (705) 476-7057
(705) 476-7787
champagnel@pginw.com

SECTION 2 - HAZARDOUS COMPONENTS

LEVELS	PRODUCTCAS #	
< 0.5%	14808-60-7	crystalline Silica
0.1% - 2.5%	All	Ferric Oxide
N/A	Browns	Arsenic
N/A	Flame Retardant	Antimony Trioxide
N/A	Flame Retardant	4-hydroxy-2,2,6,6-tetramethyl-1-piperidineethanol
N/A	Flame Retardant	1,2-
N/A	Flame Retardant	bis(tetrabromophthalimido)ethane

Product: **BUILDING WRAP**

SECTION 3 – PHYSICAL DATA

BOILING POINT:	°C	N/A
MELTING POINT:	°C	110 – 160
MAXIMUM-USE TEMPERATURE:	°C	PP 105-150; PE 80-100 (no load)
VAPOUR PRESSURE:	kPa	N/A
VAPOUR DENSITY:	air=1	N/A
SPECIFIC GRAVITY:	g/cm ³	0.90 - 0.95 (H ₂ O=1)
VOLATILES:	vol. %	N/A
EVAPORATIONRATE:		N/A
SOLUBILITY IN WATER:	wt %	Insoluble
APPEARANCE:		Clear or pigmented woven fabric
ODOURS:		Odourless

SECTION 4 – FIRE AND EXPLOSIONHAZARD DATA

FLASH POINT:	°C	Not applicable, solid form
AUTOIGNITION TEMPERATURE:	°C	PE 330-410
FLAMABLE LIMITS IN AIR:	vol%	LEL: N/A UEL: N/A
EXTINGUISHING MEDIA:		H ₂ O, Dry chemical CO ₂
FIREW FIGHTING PROCEDURES:		Woven polyolefin fabric is a combustible material. Avoid contact with dripping molten plastic. Self contained breathing apparatus is recommended.
FIRE & EXPLOSIVE HAZARDS:		None.

Product: **ETERNABOND ROOFSEAL**

SECTION 5: SPECIAL PRECAUTIONS

HANDLING & STORAGE: Adequately restrain rolls to prevent shifting during handling and storage.

SECTION 6 – HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LIMIT(S): N/A
ROUTES OF EXPOSURE: N/A

SECTION 7 – REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Contact with strong oxidants, acids; temperatures above 260 °C.
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, oxides of nitrogen, Aldehydes and unidentified organic compounds may be formed upon combustion. Flame retardant grades may include hydrobromic acid, and Antimony oxides. The nature and quantity of by-products formed upon combustion will vary under various conditions – temperature, available oxygen, the presence of other materials, and the nature of combustion (flame or carbonization).
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 8 – SPILL OR LEAK PROCEDURE

IF MATERIAL IS RELEASED OR SPILLED: No special procedure is required.
NEUTRALIZING CHEMICALS: N/A
WASTE DISPOSAL METHOD: N/A

SECTION 9 – SPECIAL PROTECTION INFORMATION

VENTILATION: Not required
CLOTHING & EQUIPMENT REQUIREMENTS: Not required
RESPIRATION: Not required
EYE PROTECTION: Not required
HAND/ARM PROTECTION: Not required

Material Safety Data Sheet
RPW Associates Inc
P.O. Box 35 Stn. Main
Milton, Ontario L9T 2Y3
Telephone: (905) 875-1108 Fax: (905) 875-1589

Product: **IKOTHERM, IKOTHERM III, ENERFOIL, ENER-AIR**

SECTION 1: PRODUCT IDENTIFICATION

MANUFACTURER'S NAME: CanRoof Corporation Inc.
ADDRESS: 309 Rutherford Road S.,
Brampton, Ontario
L6W 3R5
EMERGENCY PHONE: (905) 457-2880 – EXT. 4402
PRODUCT NAME: IKOTerm, IKOTerm III, Enerfoil, Ener-Air
CHEMICAL NAME: Polyisocyanurate Foam
TRADE NAME: Polyisocyanurate Insulation
CHEMICAL FAMILY: Foamed Plastic
FORMULA: Polyisocyanurate foam with various facers and n-pentane

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT NAME	CAS #	% Wt (approx.)
Polyisocyanurate Foam	None	10-90
Pentane	109-66-0	2-10
Fibreglass	65997-17-3	0-1

SECTION 3 – PHYSICAL DATA

BOILING POINT: NA
SPECIFIC GRAVITY: ND
VAPOUR PRESSURE: NA
SOLUBILITY IN WATER: Insoluble
APPEARANCE: White or cream coloured with black fiber glass-felt, aluminum foil
or coated glass mat facing
ODOR: No odor

SECTION 5: FIRE AND EXPLOSION DATA

FLASH POINT: NA
FLAMMABLE LIMITS: NA
EXTINGUISHING MEDIA: CO₂, Dry Chemical, Water Spray
SPECIAL PROCEDURES: Self contained breathing apparatus

Product: **IKOTHERM, IKOTHERM III, ENERFOIL, ENER-AIR**

SECTION 6: TOXICOLOGICAL PROPERTIES

EXPOSURE LIMITS:

Polyisocyanurate Foam:	15 mg/m ₃ (OSHA PEL) 10 mg/m ₃ (ACGIH TLV)
Pentane:	1000ppm (OSHA PEL) 600ppm (ACGIH TLV)
Fibrous glass:	5 mg/m ₃ (OSHA PEL) 10 mg/m ₃ (ACGIH TLV)
Carbon black:	3.5 mg/m ₃ (OSHA PEL) 3.5 mg/m ₃ (ACGIH TLV)

PRIMARY ROUTE OF EXPOSURE:

Inhalation, skin contact

EXPOSURE EFFECTS:

Mechanical irritation of the mouth, nose, eyes and throat. Respiratory tract irritation.

SECTION 7: REACTIVITY DATA

STABILITY:

Stable

POLYMERIZATION:

Will not occur

MATERIALS TO AVOID:

Acetone, methyl ethyl ketone, tetrahydrofuran, chlorine, chloroform, hydrogen peroxide, ethylene dichloride, dimethyl sulfoxide, and dimethyl formaldehyde.

HAZARDOUS DECOMPOSITION PRODUCTS: Primarily CO, CO₂. Some HCN possible under certain conditions.

SECTION 8: PREVENTIVE MEASURES

SPILL PROCEDURE:

NA

DISPOSAL PROCEDURE:

Follow federal, provincial/state, and municipal laws and regulations.

VENTILATION:

Ambient

RESPIRATORY:

If irritation occurs or exposure limit is exceeded, use a respirator for protection against nuisance dusts.

PROTECTIVE CLOTHING:

If excessive dust is generated during cutting operations, wear long-sleeved, loose-fitting clothing, long pants and gloves, to reduce irritation.

SECTION 9: FIRST AID PROCEDURES

No special practices required.

SECTION 10: OTHER

This product will burn and should not be left exposed to flames. Under certain fire conditions, combustible gases can be generated, creating rapidly spreading, high intensity flames and dense, black smoke.

REVISED: JANUARY 1 2014

Material Safety Data Sheet
 RPW Associates Inc
 P.O. Box 35 Stn. Main
 Milton, Ontario L9T 2Y3
 Telephone: (905) 875-1108 Fax: (905) 875-1589

Product: ISO 95+

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: ISO 95+
CHEMICAL NAME/SYNONYM: ISO 95+ composite, ISO 95+ Nailbase, ISO 95+ Tapered, ISO 95+ GL, ISO 95+ CAN
CHEMICAL FAMILY: Polyisocyanurate
24 EMERGENCY PHONE: (800)42409300 CHEMTREC
MANUFACTURER'S NAME: Firestone Building Product Company, LLC
MANUFACTURER'S ADDRESS: 250 West 96TH Street, Indianapolis, IN 46260
NFPA HAZARD RATING: Health 1, Flammability 1, Reactivity 0
HMIS HAZARD RATING: Health 1, Flammability 1, Reactivity 0

SECTION 2 – CHEMICAL COMPOSITION

CHEMICAL NAME:	COMMON NAME:	CAS#	% (by weight)	EXPOSURE LIMITS
n-Pentane	n-Pentane	109-66-0	0.05-5.5	TLV 600 ppm PEL 1000 ppm
Ethyldimethylmethane	Isopentane	78-78-4	4.5-9.9	TLV 600 ppm PEL 100 ppm
Tris (Monochloropropyl) Phosphate	None	13674-84-5	< 5	None Established
Fibrous Glass	Fibre glass	65997-17-3	< 11	TLV 1 f/cc TLV 5 mg/m ³ (inhalable)
Nonhazardous as per 29 CFR 1910. 1200.	None	None	> 71	None Established

SECTION 3 – HAZARD IDENTIFICATION

Primary route of exposure: Inhalation

Signs and systems of exposure: May cause irritation to the eyes, skin and respiratory tract inhalation of high vapor concentration of pentanes used in this product may cause dizziness, headache, anesthesia, drowsiness, unconsciousness, and other central nervous systems effects, including death.

Medical conditions aggravated By exposure: The dust produced by reprocessing of this product may aggravate pre-existing respiratory diseases.

Product: **ISO 95+**

Chronic effects: This product contains Tris (monochloropropyl) phosphate, which may cause skin sensitization.

Carcinogenicity: Direct implantation of glass fibers into the lung tissue of laboratory animals has produced lung fibrosis and lung cancer. Human epidemiological studies of inhalation exposure have yielded negative results. Continuous filament glass fibers are listed by IARC as a class 3, unclassifiable as to carcinogenicity in humans.

SECTION 4 – FIRST AID MEASURES

First aid procedures For eyes, hold eyelids open and wash with gentle stream of water for at least 15 minutes preferably at eyewash fountain. For skin contact, wash affected area thoroughly with soap and water when time permits. For inhalation, remove to fresh uncontaminated air.

SECTION 5 – FIRE FIGHTING PROCEDURES

Suitable Extinguishing media: Water spray, Alcohol foam, Carbon dioxide, or Dry chemical.

Hazardous combustion product: Carbon dioxide and carbon monoxide, phosphorus oxides, and phosphoric acid.

Recommended fire fighting Procedures: Wear impermeable protective clothing and self-contained breathing apparatus. Toxic fumes and vapors may be evolved.

Unusual fire and explosion Hazards: Emits dense, black smoke when burned. Certain operations such as grinding or cutting may lead to a buildup of dust suspended in air which can cause a dust explosion if ignited. Provide adequate ventilation and appropriate dust handling systems. Isopentane and n-pentane, highly flammable material, may be present within this product.

SECTION 6 – PRECAUTIONS FOR SAFE HANDLING AND USE

Step to be taken in case Material is released or spilled: None required

Precautions to be taken in Handling and storing: Keep away from heat sparks and open flames. Store in cool, dry area. Applying to hot surface requires special precautions. Protect against dust that may be generated by reprocessing, altering or applying this product. Remove dust by vacuuming rather than blowing.

Product: ISO 95+

SECTION 7- EXPOSURE /PERSONAL PROTECTIONS

Ventilation: Use in a well-ventilated location.

Respiratory protection: During reprocessing, altering, and/or applying this product, a NIOSH Respirator may be required based upon the end user's airborne concentration evaluation.

Eye protection: Wear safety glasses with side shields when reprocessing, altering And / or applying this product.

Skin protection: Wear cotton or leather gloves when handling this product.

Other: None required.

Work / Hygienic practices: Wash exposed skin prior to eating, drinking or smoking and at the end of each shift. Wash contaminated clothing prior to reuse.

SECTION 8- PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: White rigid cellular sheets/odorless .

Flash point: Not applicable Lower explosive limit: None

Method used: Not applicable Upper explosive limit: None

Evaporation rate: Not applicable Boiling point: None

pH(undiluted product): Not applicable Melting point: Unknown

Solubility in water: Insoluble Specific gravity: Unknown

Vapor density: Not applicable Percent volatile: Unknown

Vapor pressure: Not applicable

SECTION 9-STABILITY AND REACTIVITY

Thermal stability: Stable

Hazardous polymerization: Will not occur.

Conditions to avoid: None known.

Product: ISO 95+

SECTION 10- TRANSPORTATION

Regulatory agency:	Not regulated
Proper shipping name:	Not applicable
Hazard classification:	Not applicable
Identification number:	Not applicable
Labels required:	Not applicable
Other requirements:	Not applicable

SECTION 11- MISCELLANEOUS INFORMATION

Additional comments:	Physiological effect given in section 3 is for dust and fume That may be generated during the reprocessing, altering or application of this product. Facers of this product may be foil, kraft paper, fiberglass, perlite, wood. Black felt or a combination of these.
Date of previous MSDS:	January 8, 2010
Changes since previous MSDS:	Inclusion of CAS No. fiberglass in section 2
Telephone number for additional Information:	(317) 575-7190

DISCLAIMER

The information contained herein is based on data considered accurate which has been obtain from other companies and organizations. However, No warranty or representation is expressed or implied that the information, is accurate, complete or representative. Firestone Building Products Company, LLC assumes no responsibility for injury to the buyer, the buyer's employees, or any third person, If reasonable safety procedures are not followed. Additionally, Firestone Building Products, Company, LLC assumes no responsibility for injury to buyer, the buyers employees, or any third persons caused by abnormal use of the material, even if reasonable safety procedures are followed.

REVISED: JANUARY 1 2014

Material Safety Data Sheet
RPW Associates Inc
P.O. Box 35 Stn. Main
Milton, Ontario L9T 2Y3
Telephone: (905) 875-1108 Fax: (905) 875-1589

Product: ProVap vapour barrier

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: 240" x 100' x 2000 10 Mil Clear

Company identification:

Balcan Plastics Limited
9340, Meaux Street
St-Leonard, Quebec
H1R 3H2

Emergency Telephone Number (24H): 514-821-7443

Local Emergency Contact: 514-326-9130

SECTION 2: WHIMS

For the manufacturing of our products, Balcan Plastics, uses resins that are considered non controlled products under Canadian WHIMS (Workplace Hazardous Materials Information System) regulations and the final product made with these should not release hazardous chemicals under normal conditions of use.

SECTION 3: DISPOSAL CONSIDERATIONS

All disposal practices must be in compliance with all current applicable Federal, State/Provincial and local laws and regulations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Balcan Plastics Limited has NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted Recycler, Incinerator with energy recovery.

REVISED: JANUARY 1 2014

Material Safety Data Sheet
RPW Associates Inc
P.O. Box 35 Stn. Main
Milton, Ontario L9T 2Y3
Telephone: (905) 875-1108 Fax: (905) 875-1589

Product: **EMBOSSED WALKWAY GREY**

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Flexible Vinyl Coated Textile

Synonym(s): Vintex, VinaGARD, VinaTOP, VinaSIGN, VinaGYM, VinaMAT, VinSTAT, DockGARD, V-Care, UniPly, SoffTICK

CAS #: Mixture

Product Use: Coated Fabrics

Manufacturer: Vintex Inc.
1 Mount Forest Drive
Mount Forest, ON N0G 2L2 CA
Phone: 1-519-323-0100

SECTION 2: HAZARDS IDENTIFICATION

Emergency overview: None expected during normal conditions of use.

Potential short term health effects

Routes of exposure: Skin contact.

Eyes: None expected during normal conditions of use.

Skin: None expected during normal conditions of use.

Inhalation: None expected during normal conditions of use.

Ingestion: Not a normal route of exposure.

Target organs: Skin

Chronic effects: None known.

Signs and systems: None expected during normal conditions of use.

Potential environmental effects: Not available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition comments: Not applicable to manufactured articles.

Product: **EMBOSSSED WALKWAY GREY**

SECTION 4: FIRST AID MEASURES

First aid procedures

Eye contact:	Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin contact:	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Inhalation:	If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion:	Not a normal route of exposure.
General advice:	If you feel unwell, seek medical advice (show the label where possible). Keep out of reach of children.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable properties:	Not flammable by WHMIS criteria.
Extinguishing media	
Suitable extinguishing media:	Treat for surrounding material.
Unsuitable extinguishing media:	Not available
Protection of firefighters	
Specific hazards arising from the chemical:	Not available
Protective equipment for firefighters:	Firefighters should wear full protective clothing including self contained breathing apparatus.
Hazardous combustion products:	May include and are not limited to: Oxide of carbon Hydrogen chloride.
Explosion data	
Sensitivity to mechanical impact:	Not available
Sensitivity to static discharge:	Not available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions:	None necessary
Environmental precautions:	None necessary
Method for containment:	None necessary
Method for cleaning:	Pick up and discard

Product: **EMBOSSSED WALKWAY GREY**

SECTION 7: HANDLING AND STORAGE

Handling: Use good industrial hygiene practices in handling this material. Avoid breathing fumes if this product is used at high temperatures.

Storage: Keep out of reach of children.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering controls: General ventilation normally adequate.

Personal protective equipment

Eyes/Face protection: Not normally required.

Hand protection: Not normally required.

Skin and body protection: As required by employer code.

Respiratory protection: Where exposure guideline level may be exceeded, use an approved NIOSH respirator.

General hygiene considerations: Handle in accordance with good industrial and safety practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Coated fabric

Colour: Not available

Form: Solid.

Odour: Characteristic

Odour threshold: Not available

Physical state: Solid

pH: Not available

Freezing point: Not available

Boiling point: Not available

Pour point: Not available

Evaporation: Rate Not available

Flash point: Not available

Auto-ignition temperature: Not available

Product: **EMBOSSSED WALKWAY GREY**

Flammability limits in air, lower, %
by volume: Not applicable

Flammability Limits in Air, Upper, %
by volume: Not applicable

Vapour pressure: Not available

Vapour density: Not available

Specific gravity: Not available

Octanol /water coefficient: Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: None known.

Possibility of hazardous reaction: Hazardous polymerisation does not occur.

Chemical stability: Stable under recommended storage conditions.

Conditions to avoid: Excessive heat.

Incompatible materials: None known.

Hazardous decomposition products: May include and are not limited to: Oxides of carbon.
Hydrogen chloride.

SECTION 11: TOXICOLGICAL INFORMATION

Effects of acute exposure

Eye: None expected during normal conditions of use.

Skin: None expected during normal conditions of use.

Inhalation: None expected during normal conditions of use.

Ingestion: Non-hazardous by WHMIS criteria.

Sensitisation: Non-hazardous by WHMIS criteria.

Chronic effects: Non-hazardous by WHMIS criteria.

Carcinogenicity: Non-hazardous by WHMIS criteria.

Reproductive effects: Non-hazardous by WHMIS criteria.

Teratogenicity: Non-hazardous by WHMIS criteria.

Name of toxicologically synergistic products: Not available.

Product: **EMBOSSSED WALKWAY GREY**

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Not available
Persistence and degradability:	Not available
Bioaccumulation/accumulation:	Not available
Mobility in environmental media:	Not available
Environmental effects:	Not available
Aquatic toxicity:	Not available
Partition coefficient:	Not available
Chemical fate information:	Not available
Other adverse effects:	Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal instructions:	Review federal, provincial, and local government requirements prior to disposal.
Waste from residues/used products:	Not available.
Contaminated packaging:	Not available.

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods (TDG-Canada): Not regulated as dangerous goods.

SECTION 15: REGULATORY INFORMATION

Canadian federal regulations:	This product has been classified in accordance with the Controlled Products Regulations and the MSDS contains all the required by the Controlled Products Regulations. Products do not contain lead, mercury, cadmium, or arsenic.
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Inventory status	
Country(s) or region	Inventory Name
Canada	Domestic Substances list (DSL)
Canada	Non-Domestic Substances list (NDSL)

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

Product: **EMBOSSSED WALKWAY GREY**

SECTION 16: OTHER INFORMATION

LEGEND HMIS

Severe	4	HEALTH	/1
Serious	3	FLAMMABILITY	0
Moderate	2	PHYSICAL HAZARD	0
Slight	1	PERSONAL PROTECTION	X
Minimal	0		

Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Effective Date:

01-May-2013

Expiry Date:

01-May-2016

Prepared By:

Dell Tech Laboratories Ltd(519)858-5021

Other information:

For an update MSDS please contact the supplier/manufacturer listed on the first page of this document.

This MSDS conforms to the ANSI Z400. 1/Z129.102010 Standard.

REVISED JANUARY 1 2014

Material Safety Data Sheet
RPW Associates Inc.
P.O. Box 35 Stn. Main
Milton, Ontario L9T 2Y3
Telephone:(905) 875-1108 Fax: (905)875-1589

Product: **DEKFAST**

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Trade names: Weather Gard, Dekfast, PanelMaster, *Isofast*®, Truck Trailer, Industrial, Automotive and Architectural Fastening Systems.

Use of the substance/preparation.

Industry sector: Metal and post frame Building Construction
Type of use: fastening

Identification of the company

PO Box 6326
Wyomissing PA, 19540
Telephone no. : 610-376-5751
Information about the substance/preparation
lcar@sfsintec.biz
<http://www.sfsintecusa.com>

Emergency telephone number: 610-334-2547

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization, Hazardous ingredients, CAS# and % exposure limit(s)
Products listed above under Trade names are articles defined by the OSHA HAZ Communication standard 29 CRR 1910.1200. All articles have an end use dependant on their design and will not release or result in an exposure to hazardous chemicals under normal use.

SECTION 3: HAZARDS IDENTIFICATION

Appearance:	various designs and colors with metal and plastic parts. No odor present.
Potential health Effects:	No none health effects from working with these products.
Acute (Short term) health Effects:	None known
Chronic (Long-Term) health effects:	None Known
Target organs:	None
Primary Routes of Entry:	None
Symptoms of overexposure:	Not Applicable

Product: **DEKFAST**

SECTION 4: FIRST AID MEASURES

Not applicable

SECTION 5: FIRE-FIGHTING MEASURES

There are no potential for fire or explosion. Normal firefighting procedures should be followed to avoid inhalation of smoke and gases.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Environmental precautions: Use good housekeeping measures to keep areas clean and safe.

Methods for cleaning up and disposal: Comply with State and Local regulations for storage and disposal of solid waste.

SECTION 7: HANDLING AND STORAGE

Advice on safe handling: Open and handle container with care.

Requirements for storage rooms and vessels: No special measures required.

Further information on storage conditions: Sensitive to moisture

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

General protective measures: No special handling of these products is required.

Hygiene measures: None required.

Hand protection: None required but Gloves may be worn.

Eye protection: Safety glasses should be used when installing products.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form: Solid

Color: Various

Odor: None

Density: Not applicable

Solubility in water: Not applicable

pH value : Not applicable

Viscosity (dynamic): Not applicable

Product: **DEKFAST**

SECTION 10: STABILITY AND REACTIVITY

Thermal decomposition: Not applicable

SECTION 11: TOXICOLOGICAL INFORMATION

Acute oral toxicity: None

Irritant effect on skin: No effect

Irritant effect on eyes: No effect

Remarks: The product has not been tested. The information is derived from the properties of the individual components.

SECTION 12: ECOLOGICAL INFORMATION

Remarks: The degradation properties of the product have not been tested.

SECTION 13: DISPOSAL CONSIDERATIONS

Product: In accordance with current regulations waste may be taken to a solid waste disposal site after consultation with site operator and/or with the responsible authority.

Un-Cleaned packaging: Completely emptied packaging's can be given for recycling.

SECTION 14: TRANSPORT INFORMATION

Product is not regulated as a hazardous material.

SECTION 15: REGULATORY INFORMATION

Federal/State: None

SECTION 16: OTHER INFORMATION

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

REVISED JANUARY 1 2014

Material Safety Data Sheet
RPW Associates Inc.
P.O. Box 35 Stn. Main
Milton, Ontario L9T 2Y3
Telephone:(905) 875-1108 Fax: (905)875-1589

Product: **VINYL CEMENT**

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: HH-66 Vinyl Cement
Chemical Name: Thermoplastic Polyurethane Adhesive Blend/Compound
Manufacturer: R-H Products Co. Inc. 308 Old High Street Acton, MA USA 01720
Information Telephone Number: 1-978-897-8000
Emergency Telephone Number: 1-800-535-5053 INFOTRAC
Foreign Emergency Telephone Number: 1-352-323-3500 INFOTRAC

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity, Common Name(s))

	OSHA PEL	ACGIH TLV	Other Limits Recommended	By Weight % (optional)
Methyl Ethyl Ketone CAS# 78-93-3	300 ppm	300 ppm		45.5 %
Toluene CAS# 108-88-3	100 ppm	100 ppm	50 ppm Skin	19.4 %
Acetone CAS# 67-64-1	1000 ppm	750 ppm		21.5 %

SECTION 3: HAZARDS IDENTIFICATION

Route(s) of entry: Primary Inhalation? Yes Skin? Yes Ingestion? Yes

Health Hazards (Acute and Chronic)

Eyes – Liquid mildly irritating. Overexposure may also cause irritation. Skin – Prolonged contact can cause irritation and possible dermatitis. Breathing – Overexposure may cause irritation to respiratory system. Extreme overexposure to vapors may result in central nervous system, liver and kidney damage. Ingestion – May cause gastrointestinal irritation.

Carcinogenicity: None (No) NTP? N/A IARC Monographs? N/A OSHA Regulated? N/A

Signs and Symptoms of Exposure Eyes – Redness, tearing and swelling. Skin – Dryness of skin including cracking. Breathing – Overexposure includes dizziness, headache, nausea, and light headedness. Swallowing – Nausea, vomiting, and diarrhea.

Product: **VINYL CEMENT**

Medical conditions generally aggravated by exposure

Skin – Prolonged contact will irritate skin and may cause dermatitis. Breathing – Extreme overexposure to vapors may cause nervous system damage. Swallowing – May cause nausea, vomiting and diarrhea. Aspiration into the lungs as a result of vomiting may cause lung damage.

SECTION 4: FIRST AID MEASURES

Emergency and First Aid Procedures: Eye contact – Flush immediately with water. Call a physician. Skin contact – Wash area with soap and water. Breathing – Move affected person to fresh air at once. Restore breathing. Call a physician if difficulties persist. If swallowed – **DO NOT INDUCE VOMITING**. Call a physician. Give water to victim. If vomiting occurs, prevent aspiration into lungs by lowering head between knees.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point (Method Used) -5.5C (22F) ASTM D-56 9/21/2008 Flammable Limits LEL 1% UEL 12%

Extinguishing Media: FOAM, DRY CHEMICAL, CO2

Special Fire Fighting Procedures: Fire Fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.

Unusual Fire and Explosion Hazards: Extremely Flammable. Overheated, closed container near a fire could explode due to pressure buildup.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to Be Taken in Case Material Is Released or Spilled:

Extinguish all sources of ignition in area. Collect spilled material and place in a closed container for disposal or salvage.

SECTION 7: HANDLING AND STORAGE

Precautions to Be Taken in Handling and Storing:

Keep away from heat; open flames and sparks. Use and store with adequate ventilation to prevent vapor buildup. Vapors released by product can easily ignite.

Other Precautions Avoid contact with skin and eyes.

Avoid prolonged breathing of vapors. Keep container closed when not in use. **KEEP OUT OF REACH OF CHILDREN.**

Product: **VINYL CEMENT**

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory Protection (Specify Type): If exposure exceeds occupational exposure limits use a NIOSH approved respirator to prevent overexposure. Per 29 CFR 1910.134 CCROV or SA types recommended.

Ventilation:

Local Exhaust: Should be used to maintain exposure below TLV(s)

Special: Explosion proof ventilation maybe required to control vapor concentrations.

Mechanical (General): Should be used to maintain exposure below TLV(s)

Other: N/D

Protective Gloves: Impervious gloves; (for Solvent)

Eye Protection: Chemical goggles or safety glasses

Other Protective Clothing or Equipment: Work apron to avoid contact with personal clothing and skin.

Work/Hygienic Practices: Keep area clean. Wash hands thoroughly after working with product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Acetone (Component) 1320 F Specific Gravity (H₂O = 1) Approx .88

Vapor Pressure (mm Hg): at 68^o F Not established Melting Point N/D

Vapor Density (AIR = 1): Heavier Evaporation Rate (Butyl Acetate = 1) Slower

Solubility in Water: Insoluble in water

Appearance and Odor: Normal Physical State: Clear Liquid with Strong Aromatic Odor/sharp mint like fragrance.

SECTION 10: STABILITY AND REACTIVITY

Stability Unstable: Conditions to Avoid

Stable: X N/A

Incompatibility (Materials to Avoid): Oxidizing Agents

Hazardous Decomposition or By-products: CO₂ and CO when subjected to flames or excessive heat

Hazardous Polymerization: May Occur Conditions to Avoid

Will Not Occur: X N/A

Product: **VINYL CEMENT**

SECTION 11: TOXICOLOGICAL INFORMATION

Route(s) of Entry: Skin contact, inhalation, eye contact and ingestion. Irritant. No other data.

SECTION 12: ECOLOGICAL INFORMATION

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose in accordance with local and current U.S. E.P.A. regulations.
U.S. E.P.A. Hazardous Waste Number: D001 (Ignitable) (MEK -1/91 D:035)

SECTION 14: TRANSPORT INFORMATION

DOT Info: **UN1133 ADHESIVES 3 PGII**
UN1133 ADHESIVES 3 PGII LTD.QTY. (1.3gal)

Optional information: Consumer Commodity ORM-D until 1-1-2014

IMO Information: See US DOT above.

ERG #128

SECTION 15: REGULATORY INFORMATION FEDERAL AND STATE AND OTHER REGULATIONS:

Toluene and Methyl Ethyl Ketone are subject to the reporting requirements of section 313 of SARA Title III.

TASCA 8(b) inventory: all components are listed.

Components only are listed under various state RTK and reporting lists.

OSHA: Hazardous by definition in Hazard Communication Standard (29 CFR 1910.1200)

EINECS: Components are on the European Inventory of Existing Commercial Chemical Substances

WHMIS (Canada) Class B-2(flash point) and Class D-2B (toxic)

DSCL (EEC) Components listed as R11 Highly flammable,R36/37 Irritating to eyes and respiratory system, S2 Keep out of reach of children, S16 Keep away from sources of ignition-No smoking,S26-In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

SECTION 16: OTHER INFORMATION

Regulated VOC's by weight 64.9% - 4.55 lbs/gal - 544 g/l

HMIS Ratings: Health 1; Flammability 3; Reactivity-0 Key- 4 Extreme,3 High,2 Moderate,1 Slight

NFPA Ratings: Health 2; Flammability 3;Reactivity-0

Product: **VINYL CEMENT**

The information above is believed to be accurate and represents the information currently available to us. We however, make no warranty of merchantability or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from its use.

REVISED JANUARY 1 2014