



matting / athletics / flooring

RF BOND IT 2P – PART A SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product Name:
RF Bond It 2P – Part A

Manufacturer/Supplier:
Edgewood Matting Ltd.
18120 – 109 Ave NW
Edmonton, AB, T5s 2K2
Canada
Phone: 780-466-2084
Fax: 780-468-9104

Recommended Use:
Adhesive - Resin

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	% weight	CAS no	LD50 (ORAL-RAT) (mg/kg)
Diglycidyl ether of bisphenol A	30-60	025085-99-8	>5000
Alkyl glycidyl ether	5 – 15	68609-97-2	788
4-Nonyl-phenol, branched 1-5	1-3	84852-15-3	1300

3. PHYSICAL PROPERTIES

Vapor Pressure (mm Hg @ 20°C)	0.05
Boiling Point (°C)	> 120
Solubility in water	N.A.
Freezing Point (°C)	N.A.
Flammability	N.A.
Evaporation Rate	N.A. (Butyl acetate = 1) N.A. (Ethyl acetate = 1)
Specific Gravity (g/ml)	1.60
Volatile by Weight (%)	0
Color	Off white
Appearance / Odour	Liquid / Mild

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (°C)	N.A.
LEL	N.A.
UEL	N.A.
Auto Ignition Point (vapours) (°C)	N.A.
Auto Ignition Point (solids) (°C)	N.A.
Dust Explosion Potential	N.A.
Sensitivity to Mechanical Impact	N.A.
Sensitivity to Static Discharge	Unknown
Special Fire Fighting Procedures	Self-contained breathing apparatus and protective clothing
Unusual Fire and Explosion Hazards	Incomplete combustion can form CO and low molecular weight hydrocarbons, phenol and water.
Extinguishing Media:	CO ₂ , foam, water spray, dry chemical

5. HEALTH HAZARD DATA

Ingestion:	Single dose oral toxicity is low.
Absorption:	Prolonged exposure may result in product being absorbed in harmful amounts.
Inhalation:	Vapours are unlikely.
Contact:	Repeated exposure may cause irritation.
Eye Contact:	Temporary irritation, corneal injury is unlikely.
Flammability:	N.A.
Overexposure symptoms:	Irritation, dermatitis, rash.
Entry Route:	Ingestion, contact, inhalation.
Chronic Effects:	Dermatitis.
Target organs:	Skin, eyes.
Toxic synergistic materials:	None known.
WHMIS Classification:	
Class D2B: Toxic material	

6. REACTIVITY DATA

Stability:	Stable under normal conditions
Materials to avoid:	Strong oxidizers, strong alkalis, strong mineral acids, amines.
Hazardous decomposition:	Unknown
Hazardous Polymerization:	Can occur. Will react with aliphatic amines.

7. SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:
Soak up all liquid with absorbent material. Package absorbed material in steel containers which are leak proof.

Waste disposal method:
Dispose in accordance with municipal regulations for hazardous waste disposal.

8. SPECIAL PROTECTION INFORMATION

Respiratory Protection	Normally not required.
Ventilation	Local exhaust is preferred.
Protective Gloves	Neoprene rubber, nitrile, impervious plastic.
Eye protection	Safety glasses or full face shield.
Other protection	Safety shower, eye bath. Protective clothing and long sleeves to prevent skin contact.

9. SPECIAL PRECAUTIONS

Precaution for handling and storing:
Store in a cool and dry location. Keep container lid tightly closed after partial use or when storing.

Other precautions:
Adequate ventilation when using. Avoid skin contact.

10. FIRST AID

Ingestion	Call physician who must decide to induce or not vomiting.
Inhalation	Remove patient to fresh air. Give mouth to mouth if patient is not breathing. Call a physician.
Contact	Flush with water for a minimum of 15 minutes. Call a physician.
Eye contact	Rinse immediately with plenty of water for at least 20 minutes. Remove contact lenses. Consult a physician.

11. TRANSPORTATION INFORMATION

TGD Description: Synthetic liquid mixture not regulated

IMPORTANT NOTICE

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The data relates only to the specific material designated herein. It may not be valid if used in combination with any other materials. It is the user's responsibility to verify suitability of this information for their own particular use. Edgewood Matting Ltd., assumes no legal responsibility for use upon these data.

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Product Name:
RF Bond It 2P – Part B

Manufacturer/Supplier:
Edgewood Matting Ltd.
18120 – 109 Ave NW
Edmonton, AB, T5s 2K2
Canada
Phone: 780-466-2084
Fax: 780-468-9104

Recommended Use:
Adhesive - Hardener

2. HAZARDOUS INGREDIENTS

Ingredient	% weight	CAS no	LD50 (ORAL-RAT) (mg/kg)
Polyamide	20 – 30	N.A.	>5000
Isophrone diamine	8 – 12	2855-13-2	1030
Benzyl alcohol	8 – 12	100-51-6	1040
Tris-dimethyl amino methyl phenol	2 – 4	71074-89-0	2000
Triethylenetetramine	1 – 2	112-24-3	800
Nonyl phenol	8 – 12	84852-15-3	580

3. PHYSICAL PROPERTIES

Vapor Pressure (mm Hg @ 20°C)	N.A.
Boiling Point (°C)	> 120
Solubility in water	N.A.
Freezing Point (°C)	N.A.
Flammability	N.A.
Evaporation Rate	N.A. (Butyl acetate = 1) N.A. (Ethyl acetate = 1)
Specific Gravity (g/ml)	0.98
Volatile by Weight (%)	0
Color	Black
Appearance / Odour	Liquid / Amine

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point (°C)	>100
LEL	N.A.
UEL	N.A.
Auto Ignition Point (vapours) (°C)	N.A.
Auto Ignition Point (solids) (°C)	N.A.
Dust Explosion Potential	N.A.
Sensitivity to Mechanical Impact	N.A.
Sensitivity to Static Discharge	Unknown
Special Fire Fighting Procedures	Self-contained breathing apparatus and protective clothing
Unusual Fire and Explosion Hazards	Incomplete combustion can form CO and low molecular weight hydrocarbons, phenol and water.
Extinguishing Media:	CO ₂ , foam, water spray, dry chemical

5. HEALTH HAZARD DATA

Ingestion:	Single dose oral toxicity is low.
Absorption:	A Single prolonged exposure may result in product being absorbed in harmful amounts.
Inhalation:	May cause respiratory Sensitization
Contact:	Repeated exposure may cause irritation.
Eye Contact:	Temporary irritation, corneal injury is unlikely.
Flammability:	N.A.
Overexposure symptoms:	Irritation, dermatitis, rash.
Entry Route:	Ingestion, contact, inhalation.
Chronic Effects:	Dermatitis.
Target organs:	Skin, eyes, respiratory tract
Toxic synergistic materials:	None known.
WHMIS Classification:	
Class D2B:	Toxic material, eye / skin irritant
Class E	Corrosive Liquid

6. REACTIVITY DATA

Stability:	Stable under normal conditions
Materials to avoid:	Epoxy Resins under uncontrolled conditions
Hazardous decomposition:	Unknown
Hazardous Polymerization:	Will polymerize if mixed with an epoxy resin. Considerable heat can evolve

7. SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:
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Waste disposal method:
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Contact	Flush with water for a minimum of 15 minutes. Call a physician.
Eye contact	Rinse immediately with plenty of water for at least 20 minutes. Remove contact lenses. Consult a physician.

11. TRANSPORTATION INFORMATION

PIN: UN 1133
Primary Class: 8
Packing Group: II
TGD Description: Flammable liquid, N.O.S. [Toluene]

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