

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Roll-On Super Base Part B
Product Class: Skate Floor Coating
Emergency Telephone Number: 800-255-3924
Telephone Number for Information: 650-324-0881
Distributor's Name and Address:
Roll-On Floor Systems, LLC
1001 South Main Street
Euless, Texas 76040

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)	%
A	Bisphenol A-Epichlorohydrin Copolymer CAS #25068-38-6	30-40
B	2-Propoxyethanol CAS #2807-30-9	10-15
C	BIS A-Epichlorohydrin Epoxy Resin CAS #25036-25-3	<1
D	Talc CAS 14807-96-6	10-20
E	Alkyl Glycidyl Ether CAS #120547-52-6	<1
F	Aliphatic Hydrocarbon CAS #64742-88-7	1-5
G	Propylene glycol monoethyl ether CAS #107-98-2	5-10
H	Epoxy resin mixture and fillers (proprietary)	<60

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Appearance and Odor: Gray liquid, solvent odor.
Primary Hazards: Harmful or fatal if swallowed. Vapor may be harmful. Flammable. Irritant.

Potential Health Hazards

Route(s) of Entry: **Skin Absorption:** X **Ingestion:** X **Inhalation:** X
Eye: May cause severe irritation.
Skin: May cause severe irritation.

Ingestion: Can cause irritation, nausea, vomiting and diarrhea.

Inhalation: Can cause nasal and respiratory irritation.

Signs and Symptoms of Exposure: Eyes and Skin: Irritation, redness and blurred vision.
Ingestion: Gastrointestinal irritation, nausea, vomiting and diarrhea. Inhalation: Central nervous system effects (dizziness, weakness, headaches, nausea, fatigue, etc.)

Carcinogenicity: NTP? No IARC Monographs? No

OSHA Regulated? Yes

Target Organ (s): Skin, eyes, liver, kidneys, lymphoid system, spleen and respiratory and central nervous system.

Medical Conditions Generally Aggravated by Exposure: Paroxysmal-atrial-tachycardia, asthma, dermatitis.

Health Hazards, Chronic: Exposure reports to this type of material have been suggested as a cause of cardiac abnormalities, permanent brain and central nervous system damage (sometimes referred to as Solvent or Painters Syndrome). Over exposure to one or more hazardous components in this material has been found to cause the following effects in laboratory animals: Anemia, liver abnormalities, kidney damage, eye damage, spleen damage, changes in blood chemistry and possible pulmonary and brain dysfunction.

SECTION IV - FIRST AID MEASURES

Emergency and First Aid Procedures:

If Swallowed: Do not induce vomiting. Call a physician immediately. Vomiting can cause chemical pneumonitis which can be fatal. **Eye Contact:** Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention. **Skin Contact:** Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.

Inhalation: If ill effects occur from breathing vapors, remove victim to fresh air and quiet and keep warm.

Sources Used: Raw material data, general toxicology from the trade for similar products.

SECTION V - FIRE FIGHTING MEASURES

Flammability: Flammable **Autoignition Temperature:** N. Ap.

Flash Point (method used): 80°F (40°C) PMcc

Flammable Limits: N. Av. LEL .7% UEL 15%

Extinguishing Media

Water? **Foam?** X **Water Fog?** X
Alcohol Foam? X **CO₂?** X **Dry Chemical?** X
Vaporizing Liquid? **Other?**

Special Fire Fighting Procedures: Do not use water, exclude air.

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and can be ignited at locations distant from material handling point. Ground all equipment.

TDG Flammability Classification: N. Ap.

Sensitivity to Mechanical Impact: N. Ap.

Sensitivity to Static Discharge: Yes

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled:

Extinguish all sources of possible ignition (flames, sparks, pilot lights, etc.) and provide ventilation. Dike and contain spill with inert material (sand, earth, etc.). Collect spill with absorbent material (example: floor-dri). Wash affected area with soap and water.

SECTION VII - HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing:

Normal care in handling and storage. Do not store near heat or open flame.

Other Precautions: Keep out of reach of children.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): Not normally required

Ventilation: Local Exhaust: Not required

Special: Not required

Mechanical (General): Ventilate to maintain vapor level below TLV & PEL (listed in Section XI)

Other: Not required

Protective Gloves: Natural rubber or synthetic.

Eye Protection: Approved safety goggles or glasses. **Footwear:** Not required

Other Protective Clothing or Equipment: Not required

Work/Hygienic Practices: Do not use in food handling or storage areas when food is present.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 250-308 °F (162-199 °C)

Melting Point: N. Av.

Specific Gravity (H₂O) = 1: 1.2

pH: N. Ap.

Vapor Density (Air = 1): <1

% Volatile: 2.50 lb./gal. 300 gm/L

Evaporation Rate (Butyl Acetate = 1): >1

Odor Threshold: N. Av.

Solubility in Water: N. Ap.

Oil/Water Distribution

Vapor Pressure (MM HG): N. Av.

Coefficient: N. Av.

SECTION X - STABILITY AND REACTIVITY

Stability: **Unstable:** **Stable:** X

Conditions to Avoid: Do not store or use near heat, sparks, or flames. Containers may rupture due to high temperature induced pressure.

Incompatibility (materials to avoid): Avoid contact with strong oxidizing agents.

Hazardous Decomposition or By-products: May form toxic materials; Carbon Monoxide, various Hydrocarbon Oxides, Oxides of Nitrogen, etc.

Hazardous Polymerization: **May occur:** **Will not occur:** X

Conditions to Avoid:

SECTION XI - TOXICOLOGICAL INFORMATION

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
B	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
C	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
D	2mg/m3 dust	2mg/m3 dust	N. Av.	N. Av.	N. Av.
E	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
F	100 ppm	100 ppm	N. Av.	N. Av.	N. Av.
G	100 ppm	100 ppm	N. Av.	N. Av.	N. Av.
H	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.

Teratogen, Mutagen, Reproductive Toxin Status: N. Av.

Toxicologically Synergistic Products: N. Av.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicological Information: N. Av.

Chemical Fate Information: N. Av.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Dispose of spilled material in accordance with local, state and federal regulations. (Incineration in an EPA authorized site is recommended)

RCRA Hazard Class: D001, Characteristic flammable

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: paint (class 3.3)

UN Number: 1263

Packing Group: III

SECTION XV - PREPARATION DATA

Prepared By: Mike Elms

Telephone Number: 651-481-1900

Date: 1-10

SECTION XVI - REGULATORY INFORMATION

US Federal Regulations

TSCA Status: All ingredients listed.

CERCLA Reportable Quality: None

SARA Title III

Section 302 Extremely Hazardous Chemicals: None

Section 311/312 Hazard Category: Immediate health, chronic health, fire.

Section 313 Toxic Chemicals: Isopropylbenzene Cumol Cumene, Trimethylbenzene, Xylene Mixed Isomers and 2-Propoxyethanol.

State Regulations

NOTICE STATE OF CALIFORNIA

This product does contain chemicals listed in Section II known to the State of California to cause cancer or reproduction defects and may contain additional chemicals as trace impurities in standard industrial materials used in the manufacturing of this product.

WHMIS Controlled Product Hazard Class: B2

SECTION XVII - OTHER INFORMATION

None

N. Ap. - Not Applicable; N. Av. - Not Available

NFPA SYSTEM

2 A. Health Hazard 2 A. Fire Hazard 0 A. Reactivity Hazard

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