

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Roll-On 340 Blue
Product Class: Skate Floor Finish
Emergency Telephone Number: 800-255-3924
Telephone Number for Information: 817-571-2438
Distributor's Name and Address:
Roll-on Floor Systems, LLC
1001 South Main Street
Euleless, Texas 76040

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)	%
A	Mineral spirits CAS #8052-41-3	5 - 15
B	Tung oil CAS #8001-20-5	10 - 30
C	Phenolic resin CAS #54579-44-1	10 - 30
D	Tert Butyl Acetate CAS #540-88-5	5 - 15
E	Parachlorobenzotrifluoride CAS #98-56-6	10 - 30
F	Titanium Dioxide CAS #13463-67-7	10 - 20

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Appearance and Odor: Blue 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: Inhalation: X

Eye: May cause irritation on contact.

Skin: May cause irritation on contact.

Ingestion: May be harmful if swallowed.

Inhalation: Vapor may be harmful.

Signs and Symptoms of Exposure: Eyes and Skin: Irritation, redness. Inhalation: Irritation, central nervous system effects (dizziness, headaches, nausea, etc.).

Carcinogenicity: NTP? No IARC Monographs? No

OSHA Regulated? No

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

Medical Conditions Generally Aggravated by Exposure: Skin and respiratory (asthma-like) conditions.

Health Hazards, Chronic: Reports have associated repeated or prolonged occupational exposure to solvents with permanent brain and central nervous system damage (sometimes referred to as Solvent or Painters Syndrome). Overexposure may cause damage to one or more of target organs.

SECTION IV - FIRST AID MEASURES

Emergency and First Aid Procedures:

If Swallowed: Do not induce vomiting. Call a physician immediately. **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): 95°F (40°C) PMcc

Flammable Limits: N. Av. LEL .7% UEL 10.0%

Extinguishing Media

Water? **Foam?** X **Water Fog?** X

Alcohol Foam? **CO₂?** X **Dry Chemical?** X

Vaporizing Liquid? X **Other?**

Special Fire Fighting Procedures: Exclude air. Water hose stream may spread fire. Use water spray to keep containers cool.

Unusual Fire and Explosion Hazards: N. Av.

TDG Flammability Classification: Not known

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: Normal, for flammable liquid.

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: Mineral spirits 232-390°F (162-199°C) **pH:** N. Ap.
Specific Gravity (H₂O) = 1: .973 **% Volatile:** < 50
Vapor Density (Air = 1): > 1 **Odor Threshold:** N. Av.
Evaporation Rate (Butyl Acetate = 1): < 1 **Oil/Water Distribution**
Solubility in Water: Negligible **Coefficient:** N. Av.
Vapor Pressure (MM HG): N. Av.
Melting Point: N. Ap.

SECTION X - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X
Conditions to Avoid: N. Ap.
Incompatibility (materials to avoid): Strong oxidizers
Hazardous Decomposition or By-products: N. Av.
Hazardous Polymerization: May occur: Will not occur: X
Conditions to Avoid: N. Ap.

SECTION XI - TOXICOLOGICAL INFORMATION

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	500 ppm	N/A	N/A. (rat, oral)	5000 mg/kg (4 hrs.)	5.5 mg/L
B	None	None	N/A	None	None
C	0.5 ppm	0.3 ppm	N. Av.	N/A	N/A
D	200 ppm	N/A	N/A.	4500 mg/kg. (rat oral)	3046 mg/kg (rat oral)
E	N/A.	N/A	N/A.	6800 mg/kg. (rat oral)	13.5 mg/L (rat)
F	N Ap.	N. Ap.	N.Ap.	13,000mg/kg (rat, oral)	N. Av.

Teratogen, Mutagen, Reproductive Toxin Status: No

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: Ron Camp

Telephone Number: 651-414-3338

Date: 08-2011

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.

State Regulations

NOTICE STATE OF CALIFORNIA

Warning: This product may contain chemicals known to the State of California to cause cancer or reproductive defects as trace impurities in the standard industrial materials used in the manufacture of this product.

International Regulations

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 3 A. Fire Hazard 0 A. Reactivity Hazard

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