

# MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

## SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Identity (As Used on Label and List):** Roll-On Clear  
**Product Class:** Skate Floor Finish  
**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	Mineral spirits CAS #8052-41-3	30 - 60
B	2-Butoxy ethanol CAS #111-76-2	1 - 5
C	1-Butanol CAS #71-36-3	1 - 5
D	Tung oil CAS #8001-20-5	10 - 30
E	Phenolic resin CAS #54579-44-1	10 - 30

## SECTION III - HAZARDS IDENTIFICATION

### Emergency Overview

**Appearance and Odor:** Amber 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. Av.

**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?** **CO<sub>2</sub>?** 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)

**Specific Gravity (H<sub>2</sub>O) = 1:** .868

**Vapor Density (Air = 1):** > 1

**Evaporation Rate (Butyl Acetate = 1):** < 1

**Solubility in Water:** Negligible

**Vapor Pressure (MM HG):** N. Av.

**Melting Point:** N. Av.

**pH:** N. Av.

**% Volatile:** < 50

**Odor Threshold:** N. Av.

**Oil/Water Distribution**

**Coefficient:** N. Av.

## SECTION X - STABILITY AND REACTIVITY

**Stability:** Unstable: Stable: X

**Conditions to Avoid:** N. Av.

**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. Av.

## SECTION XI - TOXICOLOGICAL INFORMATION

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	100 ppm	100 ppm	N. Av.	34,600 mg/kg (rat, oral)	21,400 mg/M3 (4 hrs.)
B	25 ppm	20 ppm (skin)	25 ppm (skin)	1.48 g/kg (rat, oral)	450 ppm (4 hrs., rat)
C	50 ppm	50 ppm	N. Av.	2,500 mg/kg (rat, oral)	> 8,000 ppm (4 hrs, rat)
D	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
E	N. Av.	N. Av.	N. Av.	N. Av.	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:** 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:** 1-Butanol

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

## NFPA SYSTEM

2 A. Health Hazard 3 A. Fire Hazard 0 A. Reactivity Hazard

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