

#234931

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For MSDS Update
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234936

MATERIAL SAFETY DATA SHEET

By the criteria of the **CONTROLLED PRODUCTS REGULATION** this material is a **CONTROLLED PRODUCT**

MATERIAL IDENTIFICATION AND USE

Trade Name: Outlast Urethane Finish

WHMIS Class: D2B, B3

Recommended Use: Industrial and Institutional concrete sealer

Health Rating: 0 = insignificant 1 = slight 2 = moderate 3 = high 4 = extreme
Health: 2 **Flammability:** 1 **Reactivity:** 0 **Special Warning:** None

HAZARDOUS INGREDIENTS

	T.L.V.	LD ₅₀ / LC ₅₀	CAS	%
Mineral Spirits	100 ppm	6000 mg/kg (Oral - rat) 3000 mg/Kg (Oral - mouse)	64742-47-8	40-70

PHYSICAL DATA

Physical State: Liquid

Odour: Solvent odour

Colour: Amber

Specific Gravity: 0.87 - 0.88

Evaporation Rate: N. Av.

Solubility in Water: Insoluble

Vapour Density: 4.8

% Non Volatile: 40 - 70

pH: N. Ap.

Clarity: Clear

Boiling Point: 150° - 200° C

FIRE AND EXPLOSION DATA

Flash Point (°C TCC): 42°C

Flammable Limits: N. Av.

Hazardous Combustion Products: Oxides of carbon and phosgene

Extinguishing Media: Dry chemical, carbon dioxide and foam

Unusual Fire and Explosive Hazards: Fire exposed containers can build up pressure and rupture and ignite.

Special Procedures:

Cool fire exposed containers with water spray. Fire fighters should wear self contained breathing apparatus.

REACTIVITY DATA

Stability: Stable

Materials to Avoid: Strong acids and oxidizing agents

Hazardous Decomposition Products: Oxides of carbon, phosgene

N.Ap. = Not Applicable
 N.Av. = Not Available

Outlast Urethane Finish

VI TOXICITY DATA

Primary Route of (Entry) Exposure:

Inhalation: vapours can cause nasal and respiratory irritation. Prolonged inhalation of concentrated vapours can cause nausea, vomiting, headache, drowsiness and central nervous system depression.

Eyes: Concentrated vapours or liquid may cause irritation and redness to eyes and surrounding tissues.

Skin: liquid may cause irritation; dryness, reddening and cracking of skin.

Ingestion: causes gastrointestinal disturbances with nausea, vomiting, and diarrhea. Inhalation of vomited material can cause chemical pneumonia which can result in serious injury, even death.

Acute: As Above.

Chronic: Prolonged and repeated skin contact can cause dermatitis.

Carcinogenicity

of Material: None known.

VII FIRST AID

INHALATION: If safe to enter area, remove victim to fresh air, assist breathing as required.

EYES: Immediately flush with cool water. Remove contact lenses, continue flushing for 15 minutes. Contact a physician immediately.

SKIN: Immediately wash affected area with soap and water. If irritation persists contact a physician.

INGESTION: **DO NOT INDUCE VOMITING.** If victim is conscious, rinse mouth with water and drink one or two glasses of water. Contact a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

VIII PREVENTATIVE MEASURES

Gloves: Nitrile or other solvent resistant materials

Eye Protection: Safety glasses or splash goggles

Respiratory Protection: Use organic vapour cartridge respirator or self contained breathing apparatus where appropriate.

Other Protective Equipment: As required to prevent contact with skin and clothing.

Engineering Controls:

Local Exhaust: Explosion proof ventilation equipment to control vapours.

Leak & Spill Procedures:

Ventilate Area. Extinguish all sources of ignition. Dike spill and stop leak if possible. Absorb spill with inert material and place in suitable containers for disposal. Prevent spill from entering sewers or waterways. Dispose of materials in accordance with Municipal, Provincial and Federal regulations.

Handling Procedures and

equipment: Remove and launder contaminated clothing. Avoid breathing concentrated vapours. Wash hands thoroughly after handling. Do not smoke while using this product. Do not use this product in the presence of any sources of ignition. Ground containers when pouring material. Use with adequate ventilation or appropriate respiratory equipment.

Storage Requirements:

KEEP OUT OF REACH OF CHILDREN. Keep containers sealed. Store away from acids and oxidizers. Store at temperatures below 30°C away from flame or ignition sources.

IX ADDITIONAL INFORMATION

TDG Shipping Name: Resin Solution
 Class 3
 UN 1866
 PG III

Prepared By: Technical Dept.
Date: May 2004

Revision based on updated data from Suppliers