

CHEM INTERNATIONAL

MATERIAL SAFETY DATA SHEET

EMERGENCY #: CANUTEC (613) 996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: C.I. Ultra Shine II

EFFECTIVE DATE: January 15, 2009

WHMIS CLASS: D-2B

T.D.G. CLASSIFICATION: Not controlled under TDG Canada

MATERIAL USE: Floor Coating

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	TLV	LD50	LC50
Diethylene glycol monomethyl ethyl ether	111-77-3	1-5	n/av	5550 mg/kg oral (rat)	n/av
Polyethylene glycol octylphenyl ether	9002-93-1	1-5	n/av	1500 mg/kg oral (rat)	n/av
Modified acrylic polymer	n/av	15-40	n/av	n/av	n/av

PHYSICAL DATA

BOILING POINT: 100°C

VAPOUR PRESSURE: 1.87 kPa @ 20°C

SPECIFIC GRAVITY (H₂O=1): 1.025 – 1.045

VAPOUR DENSITY (Air=1): 1.55

VOLATILITY: 80% (v/v)

SOLUBILITY: Easily soluble in cold water, hot water, methanol. Insoluble in diethyl ether, n-octanol.

PHYSICAL STATE: Liquid

pH (concentrate): 8.8 – 9.2

APPEARANCE AND ODOUR: White liquid (opaque.)

FIRE AND EXPLOSION DATA

FLAMMABILITY: The product is Non-Flammable

FLASH POINT: n/ap

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides (CO, CO₂)

MEANS OF EXTINCTION: Use DRY chemicals, CO₂, water spray or foam.

AUTO IGNITION TEMP: n/ap

REACTIVITY DATA

STABILITY: The product is stable. (Nevertheless this product is sensitive to drastic changes of temperature)

REACTIVITY: With acids, alkalis, hydrocarbon solvents, inorganic salts and bleach.

FIRST AID

EYE: IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation persists, get medical attention.

SKIN: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap.

INHALATION: Allow the victim to rest in a well-ventilated area.

INGESTION: DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. NEVER give an unconscious person anything to ingest. Seek medical attention.

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eyes contact (X), Skin contact (X), Skin absorption (), Inhalation (X), Ingestion (X)

EFFECTS OF ACUTE EXPOSURE:

EYE: May cause severe eye irritation.

SKIN: Prolonged contact with skin may cause irritation.

INHALATION: May cause headache or nausea if inhaled.

INGESTION: Harmful if swallowed.

EFFECTS OF CHRONIC EXPOSURE:

IRRITANCY: Repeated exposure may cause chronic eye and skin irritation.

CARCINOGENICITY: n/av

REPRODUCTIVE TOXIN: n/av

TERATOGENICITY: n/av

MUTAGENICITY: n/av

PREVENTATIVE MEASURES

HAND PROTECTION: Gloves (impervious)

EYE PROTECTION: Safety glasses.

RESPIRATORY PROTECTION: Wear appropriate respirator when ventilation is inadequate.

BODY PROTECTION: Full suit, boots, splash goggles; are recommended under exceptional circumstances such as fire, spill or for prolonged contact with bulk quantities.

ENGINEERING CONTROLS: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

LEAK AND SPILL PROCEDURE: Absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

WASTE DISPOSAL: Review federal, provincial and local government requirements prior to disposal.

STORAGE REQUIREMENTS: Store in a dry, cool and well-ventilated area. Keep from freezing.

HANDLING PROCEDURES: DO NOT ingest. Do not breathe gas, fumes, vapor or spray. If ingested, seek medical advice immediately and show the container or the label. Keep from freezing.

HMIS HAZARD RATING INFORMATION

FIRE
0

REACTIVITY
0

HEALTH
1

0 – Minimal, 1- Slight, 2 – Moderate, 3 – Serious, 4 – Extreme.

DISCLAIMER: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been fully trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage that may result from the use or reliance on any information contained in this form.

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