MaterialSafety DataSheet

Section 1. Product Identification and Use

Product Name - Trade Name **750-001 RESLACKCLEAR GLOSS**

Supplier - Manufacturer

Chemcraft® International Inc.
155 Rose Glen Road North
P.O. Box 458
Port Hope, ON.
Canada L1A 3Z3

Telephone (905) 885-6388 **Fax** (905) 885-5097

In case of Emergency (905) 885-6388, (800) 263-7951

For Transport Emergency or After Hours

CANUTEC (613) 996-6666

Code	750-001
Synonym	RESLACK CLEAR GLOSS
Chemical Name	Not applicable.
Chemical Family	Synthetic polymer in organic solvent. (Paint.)
Chemical Formula	Not applicable.
Material Uses	Coatings: Surface coatings and finishes.
Product Identification Number (PIN)	1263 PAINT

Section 2. Hazardous Ingredients

				Exposure limits
Name	**CAS #**	**% by Weight**	**LC_{50}/LD_{50}**	**TLV/PEL**
Styrene	100-42-5	30 - 50	ORAL (LD50): Acute: 2820 mg/kg [Rat]. VAPOR (LC50): Acute: 2770 mg/l 4 hour/hours [Rat].	**OSHA (United States).** TWA: 100 ppm **ACGIH (United States, 2000).** TWA: 200 ppm STEL: 40 ppm **NIOSH** TWA: 50 ppm STEL: 100 ppm TWA: 215 mg/m^3 STEL: 425 mg/m^3
Xylenes	1330-20-7	0.1 - 1	ORAL (LD50): Acute: 4300 mg/kg [Rat].	**ACGIH (United States, 1992).** TWA: 100 ppm STEL: 150 ppm TWA: 434 mg/m^3 STEL: 651 mg/m^3

Trace impurities and additional material names not listed above may appear in other sections of this MSDS. These materials may be listed for toxicological concerns, local compliance, or other reasons.

Section 3. Physical Data

Physical State and Appearance	Liquid.				
Color	Not available.	**Odor**	Not available.	**Taste**	Not available.
Molecular Weight	Not applicable.				
pH (1% soln/water)	Not applicable.				

Continued on Next Page

Boiling Point	The lowest known value is 145.2°C (293.4°F) (Benzene, ethenyl-).
Melting Point	May start to solidify at -31°C (-23.8°F) based on data for: Benzene, ethenyl-.
Critical Temperature	Not available.
Specific Gravity	1.0784 (Water = 1)
Vapor Pressure	The highest known value is 0.7 kPa (5 mm Hg) (at 20°C) (Benzene, ethenyl-).
Vapor Density	The highest known value is 3.6 (Air = 1) (Benzene, ethenyl-).
Volatility	Not available.
Odor Threshold	The lowest known value is 0.1 ppm (Benzene, ethenyl-)
Water/Oil Dist. Coeff.	The product is much more soluble in octanol.
Ionicity (in Water)	Not available.
Dispersion Properties	Not dispersible in cold water, hot water. See solubility in methanol, diethyl ether, n-octanol, acetone.
Solubility	Easily soluble in methanol, diethyl ether, n-octanol, acetone. Insoluble in cold water, hot water.

Section 4. Fire and Explosion Hazard

The Product is:	Flammable.
Fire Hazards in Presence of Various Substances	Highly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge.
Fire Fighting Media and Instructions	SMALL FIRE: Use dry chemical powder. LARGE FIRE: Use water spray or fog. Never direct a water jet into the container in order to prevent any splashing of the product, which could cause the fire to spread. Cool containers with water jet in order to prevent pressure build-up, auto-ignition or explosion.
Special Remarks on Fire Hazards	Not available.
Flash Points	The lowest known value is Closed cup: 31°C (87.8°F). (Tagliabue.). (Benzene, ethenyl-)
Flammable Limits	The greatest known range is Lower: 1.1% Upper: 7% (Benzene, ethenyl-)
Auto-Ignition Temperature	The lowest known value is 490°C (914°F) (Benzene, ethenyl-).
Products of Combustion	These products are carbon oxides (CO, CO_2).
Explosion Hazards in Presence of Various Substances	Highly explosive in the presence of the following materials or conditions: open flames, sparks and static discharge.
Special Remarks on Explosion Hazards	Not available.

Section 5. Reactivity Data

Stability	The product is stable.
Decomposition products	Not available.
Conditions of Instability	Avoid contact with oxidizing agents. (Benzene, ethenyl-)
Incompatibility with various substances	Highly reactive or incompatible with the following materials: oxidizing materials. Reactive or incompatible with the following materials: acids and alkalis.
Corrosivity	Not available.
Special Remarks on Reactivity	High temperatures, inhibitor depletion, accidental impurities, exposure to radiation, oxidizers may cause spontaneous reaction generating heat and or pressure. Closed containers may rupture or explode during runaway polymerization. (Benzene, ethenyl-)
Special Remarks on Corrosivity	Not available.

Continued on Next Page

Section 6. Toxicological Properties

Routes of Entry	Inhalation. Ingestion.
Toxicity to Animals	Acute oral toxicity (LD50): 2820 mg/kg [Rat]. (Benzene, ethenyl-). Acute toxicity of the vapor (LC50): 2770 mg/l 4 hour/hours [Rat]. (Benzene, ethenyl-).
Effects of Acute Exposure	Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, permeator), of eye contact (irritant).
Chronic Effects on Humans	**CARCINOGENIC EFFECTS**: Classified 2B (Possible for humans.) by IARC [Benzene, ethenyl-]. Classified A4 (Not classifiable for humans or animals.) by ACGIH [Benzene, ethenyl-]. **MUTAGENIC EFFECTS**: Not available. **TERATOGENIC EFFECTS**: Not available. **DEVELOPMENTAL TOXICITY**: Not available. Repeated or prolonged exposure is not known to aggravate any medical condition.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Animal embryotoxic. Postnatal development injury in animal. Menstrual disorders in human. Human: passes the placental barrier, detected in maternal milk. (Benzene, ethenyl-)
Special Remarks on Other Toxic Effects on Humans	Material is irritating to mucous membranes and upper respiratory tract. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause mild to severe pulmonary injury and possibly death. Material is irritating to mucous membranes and upper respiratory tract. (Benzene, dimethyl-)
Exposure Limits	Not available.

Section 7. Preventive Measures

Personal Protection	Safety glasses. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Vapor respirator. Boots. Gloves. Self-contained breathing apparatus (SCBA) should be used to avoid inhalation of the product. Suggested protective clothing might not be adequate. Consult a specialist before handling this product.
Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.
Small Spill	Absorb with an inert material and transfer the spilled material and absorbent to an appropriate waste disposal container.
Large Spill	Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not allow water to enter container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas. Dike if necessary. Call for assistance on disposal.
Waste Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Precautions	Keep locked up. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids, alkalis.
Storage	Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
TDG Classification	3
PIN	1263 PAINT **PG:** II
Special Provisions for Transport	-

Continued on Next Page

Federal and State Regulations

WARNING: This product contains chemical/chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.: Benzene
WARNING: This product contains chemical/chemicals known to the state of California to cause reproductive harm (male).: Benzene
WARNING: This product contains chemical/chemicals known to the state of California to cause birth defects or other reproductive harm.: Benzene
WARNING: This product contains chemical/chemicals known to the state of California to cause cancer.: Benzene
Illinois toxic substances disclosure to employee act: Benzene, ethyl-
New York release reporting list: Benzene, ethenyl-
New York acutely hazardous substances: Benzene, ethyl-
Rhode Island RTK hazardous substances: Benzene, ethyl-
Pennsylvania RTK: Benzene, ethenyl-; Benzene, ethyl-; Benzene, dimethyl-
Florida: Benzene, ethenyl-; Benzene, ethyl-
Minnesota: Benzene, ethenyl-; Benzene, ethyl-
Massachusetts RTK: Benzene, ethenyl-; Benzene, ethyl-
New Jersey: Benzene, ethenyl-; Benzene, ethyl-
TSCA 8(b) inventory: Benzene, ethenyl-; Benzene, ethyl-; Benzene, dimethyl-
TSCA 8(d) H and S data reporting: Benzene, ethyl-
CERCLA: Hazardous substances.: Benzene, ethenyl-: 1000 lbs. (453.6 kg); Benzene, ethyl-: 1000 lbs. (453.6 kg); Benzene, dimethyl-: 100 lbs. (45.36 kg);

Other Regulations

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications

WHMIS (Canada)	**Class B-2: Flammable liquid** **Class D-2A: Material causing other toxic effects (Very toxic).**
HCS (U.S.A.)	Contains material which may cause cancer Toxic

Hazardous Material Information System (U.S.A.)

Health Hazard	1
Fire Hazard	3
Reactivity	0
Personal Protection	G

National Fire Protection Association (U.S.A.)

Health	1
Fire Hazard	3
Reactivity	0
Specific Hazard	

Section 8. First Aid Measures

Eye Contact

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact

Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Hazardous Skin Contact

Not available.

Inhalation

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Hazardous Inhalation

Move the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion

Do not induce vomiting. Examine the lips and mouth to ascertain if the tissues are damaged, a possible indication that toxic material was ingested. The absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Continued on Next Page

Hazardous Ingestion Not available.

Section 9. Preparation Information

References -Manufacturers Material Safety Data Sheets.

Other Special Considerations Not available.

Related Information This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR.

Preparation Information **Validated by K. DeBiasi on 2/26/2007.**

Verified by K. DeBiasi.

Printed 6/5/2007.

Information Contact Prepared by the Health, Safety and Environment Department,
Chemcraft International Inc., P.O. Box 458, 155, Rose Glen Road North, Port Hope, ON. Canada.
Phone: 905 885-6388
Fax: 905 885-5097

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.