

Material Safety Data Sheet

Rev. 01 2-4-04

SECTION 1 - IDENTIFICATION OF SUBSTANCE

PRODUCT NAME: **ERISYS™ GE-8**

MANUFACTURER: CVC Specialty Chemicals, Inc.
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SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number: 68609-97-2
Chemical Description: Glycidyl Ether of C₁₂-C₁₄ Alcohol

PRODUCT CLASS: Epoxy Liquid

SECTION 3 - HAZARDS IDENTIFICATION

PRODUCT SIGNAL WORD: Warning

PRODUCT HAZARDS: Possible Sensitizer, EC Hazard Designation Xi Irritant

CHRONIC EFFECTS: None Known

EYE: Will cause eye irritation – EC Code R36

INHALATION: May cause respiratory tract irritation – EC Code R37

SKIN CONTACT: Possible skin irritant and sensitizer – EC Code R43

INGESTION: May cause illness

HMIS HAZARD RATING: HEALTH – 2 FLAMMABILITY – 1 REACTIVITY – 0 PERSONAL PROTECTION – C

NFPA HAZARD RATING: HEALTH – 2 FLAMMABILITY – 1 REACTIVITY – 0

CARCINOGENICITY: Not listed as an IARC, OSHA OR ACGIH potential carcinogen

SPECIAL PRECAUTIONS IN HANDLING AND STORAGE: Emergency eyewash stations and safety showers must be close to any area of possible exposure

SECTION 4 - FIRST AID MEASURES

EYES: Flush with water immediately. Continue to flush for 30 minutes and obtain emergency medical attention.

SKIN: Remove and do not reuse contaminated clothing. Wash exposed areas thoroughly with soap and water and flush for ten minutes. It is not recommended to remove resin from skin with solvents. Solvents only increase contact and dry the skin.

INGESTION: Induce vomiting only if person is conscious. Obtain emergency medical help.

INHALATION: Remove to fresh air. If breathing is labored administer oxygen. Call physician.

SECTION 5 - FIREFIGHTING MEASURES

FLAMMABILITY CLASSIFICATION:	Combustible liquid CLASS IIIB
LOWER EXPLOSIVE LIMITS:	N/A
FIRE & EXPLOSIVE HAZARDS:	High temperature will cause combustion.
FLASH POINT:	>151°C Closed Cup (305°F)
EXTINGUISHING MEDIA:	Foam, water fog, dry chemical, carbon dioxide preferred.
SPECIAL FIREFIGHTING PROCEDURES:	Use self-contained breathing apparatus and impervious turn out gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN THE EVENT OF A SPILL:	Remove all possible sources of ignition or polymerization (see Section 5). Equip personnel with proper protection (see Section 7). Dike in spill to prevent from spreading. Collect for disposal. Use absorbent to soak up remainder of liquid. Material will float on water. May be covered with foam or water fog if danger of ignition exists. Notify authorities as required by law.
WASTE DISPOSAL:	Remove contaminated materials for disposal at a permitted facility using registered transporters. Dilute aqueous waste is biodegradable. Incineration is the preferred method of disposal.

SECTION 7 - HANDLING AND STORAGE

HANDLING:	Avoid contact with skin, eyes and clothing. Avoid inhalation of vapor. Wash thoroughly after handling.
STORAGE:	Keep in closed or covered containers when not in use. Store in cool dry place with adequate ventilation. Do not store near heat or open flames.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION:	Use and store only with adequate ventilation or use respiratory protection.
RESPIRATORY:	If vapors are present, use a NIOSH/MSHA approved positive pressure, supplied air respirator.
EYE PROTECTION:	If potential for splashing is present, splash goggles or a full face shield should be worn - EC Code S25
SKIN PROTECTION:	DO NOT ALLOW ANY SKIN CONTACT. If potential for skin contact is present, impervious protection clothing should be worn. Recommended protection materials, in order of effectiveness, are butyl, neoprene or nitrile rubber coated fabrics – EC Code S24

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

SOLUBILITY IN WATER:	Negligible
APPEARANCE:	Clear Liquid
VAPOR PRESSURE:	< 0.1 mm Hg at 20°C
SPECIFIC GRAVITY:	0.9
ODOR:	Very Slight
BOILING POINT:	215°C

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable, will react with amines

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Fumes, carbon dioxide, carbon monoxide, acrid smoke

CONDITIONS TO AVOID: Very high heat

MATERIALS TO AVOID: Amines, strong oxidizers, acids and bases

SECTION 11 - TOXICOLOGICAL INFORMATION

LD₅₀ ORAL: 19.2g/kg (rat)
LD₅₀ DERMAL: > 4g/kg (rabbit)

SECTION 12 - ECOLOGICAL INFORMATION

Water Hazard Class 2 (Self-assessment): Hazardous for water
Do not allow product to reach ground water, water bodies or sewage system.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Remove contaminated materials for disposal at a permitted facility using registered transporters. Not RCRA hazardous.

SECTION 14 - TRANSPORTATION INFORMATION

DEPARTMENT OF TRANSPORTATION 49CFR172.101-102 CLASSIFICATION: Not Hazardous

DOT SHIPPING NAME: Not Regulated

IATA AND ICAO: Not Regulated

IMO: Not Hazardous

SECTION 15 - REGULATORY INFORMATION

CHEMICAL NAME: Oxirane, Mono [(C₁₂-C₁₄ Alkyloxy) Methyl] Derivatives

LISTED INVENTORIES: TCSA on 40CFR710 Section 8b Chemical Substances Inventory
Canadian Domestic Substances List
EINECS No. 271-846-8
China SEPA
Australia AICS

SARA/TITLE III:

Section 311/312: Immediate Health Hazard

Section 313 Listed Chemicals: None

CERCLA: Not subject to any special reporting requirements

WHMIS: D2B symbol T

SECTION 16 - OTHER INFORMATION

The information contained above is given in good faith based on the best data available at this time. No warranty, expressed or implied is made. User assumes full responsibility for determining appropriate use and application of the product. Consult CVC Specialty Chemicals, Inc. for further information.