

# MATERIAL SAFETY DATA SHEET

**Product Name: UNISEAL CLEAR**

**Product Code: UT-W-CL**

## ===== SECTION I - DISTRIBUTOR IDENTIFICATION =====

**DISTRIBUTED BY:** The Rot Doctor  
PO BOX 30612  
Seattle, WA, 98113  
(206)364-2155

**FOR CHEMICAL EMERGENCY**  
Spill, Leak, Fire, Exposure or Accident  
**CALL INFOTRAC - Day or Night**  
**1-800-535-5053**  
Outside the United States call Collect  
1-352-323-3500

**DATE REVISED:** AUG 2006

## ===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	MM HG @	TEMP	WEIGHT %
WATER NO OEL'S ESTABLISHED.	7732-18-5	UNK	UNK	76
~ EPOXY DISPERSION MANUFACTURER HOLDS CHEMICAL IDENTITY CONFIDENTIAL. NO OCCUPATIONAL EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THIS CHEMICAL COMPONENT.	MIXTURE	N/A	N/A	23

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

# Indicates carcinogenic chemical

Note: If tinted may contain Carbon Black CAS# 1333-86-4 AND/OR Crystalline Silica CAS# 14808-60-7. If tinted DARK GRAY or BLACK consider these levels to be reportable.

This MSDS may be used for other container sizes of this product.

## ===== SECTION III - HAZARDS IDENTIFICATION =====

### POTENTIAL HEALTH EFFECTS

**EYES:** Contact with vapor and/or spray mist may result in irritation, contact with liquid may result in severe irritation.

**SKIN:** Skin absorption is believed to generally be too slow to produce signs of acute systemic poisoning. Instead skin contact often results in a characteristic dermatitis attributed to removal of the protective fat of the skin. Brief contact may dry the skin. Prolonged or repeated contact may irritate the skin causing dermatitis.

**INGESTION:** Ingestion not likely under normal industrial use. Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. If ingestion is suspected consult a physician immediately.

**INHALATION:** Excessive exposure to vapors or spray mists can result in headache, dizziness, lack of coordination, nausea and loss of consciousness.

===== SECTION IV - FIRST AID MEASURES =====

**EYES:** Immediately flush with copious amounts of water for at least 15 minutes. If redness, itching, or burning sensations persist consult a physician or ophthalmologist immediately.

**SKIN:** Immediately wash skin with generous amounts of soap and water. Remove contaminated clothing and shoes and wash before reuse. If irritation persists consult a physician.

**INGESTION:** DO NOT INDUCE VOMITING. ADMINISTER 3-4 GLASSES OF MILK OR WATER. CONSULT A PHYSICIAN IMMEDIATELY.

**INHALATION:** Remove from source of exposure and into fresh air. If symptoms persist consult a physician immediately. If not breathing, give artificial respiration and call emergency medical services immediately.

**NOTE TO PHYSICIAN:** Treat according to person's condition and specifics of exposure.

===== SECTION V - FIRE FIGHTING MEASURES =====

**FLAMMABLE PROPERTIES**

**FLASH POINT:** 198F/92.3C

**LOWER FLAMMABLE LIMITS:** 1.1

**UPPER FLAMMABLE LIMIT:** N/A

**AUTO IGNITION TEMPERATURE:** Not available

**EXTINGUISHING MEDIA:** Foam, dry chemical, carbon dioxide, or any Class B extinguishing agent. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool.

**SPECIAL FIREFIGHTING PROCEDURES:** Full emergency equipment with self-contained breathing apparatus should be worn by firefighters. During a fire irritating, toxic gases and smoke are present from decomposition/combustion. Closed containers may explode when exposed to extreme heat.

===== SECTION VI - ACCIDENTAL RELEASE MEASURES =====

**SMALL SPILL:** VACUUM OR MOP UP MATERIAL IMMEDIATELY AND PLACE IN AN APPROVED CONTAINER FOR DISPOSAL

**LARGE SPILL:** Use same procedure as small spill.

===== SECTION VII - HANDLING AND STORAGE =====

**HANDLING & STORAGE:** Keep from freezing. Keep container cool and dry. Use and store this product with adequate ventilation. Keep product containers tightly closed when not in use. Avoid subjecting this product to extreme temperature variations.

**OTHER PRECAUTIONS:** Containers, even those that have been emptied, will retain product residue. Always obey hazard warnings and handle empty containers as if they were full. Do not puncture, cut, grind, weld, braze, solder or drill on or near this container or otherwise expose such container to heat, flame, sparks, static electrical charges, electricity or other sources of ignition. They may explode and/or emit toxic vapors resulting in injury or death. Do not get in eyes, on skin or on clothing. Avoid breathing of dust. Use only in a well ventilated area. Keep out of the reach of children.

===== SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION =====

**ENGINEERING CONTROLS:** In outside spray, mixing and rolling applications situate workers upwind of operation & provide airflow in a downwind direction so as to carry fumes and residual spray away from workers. Local exhaust ventilation recommended if generating vapor, dust or mist. Turn off heating and/or air conditioning equipment to prevent contaminating building. If exhaust ventilation is not adequate, use MSHA or NIOSH approved respirator. Refer to OSHA standard 29 CFR 1910.94 for guidelines

Use explosion-proof local exhaust ventilation capable of maintaining emissions at the point of use below the PEL or TLV or other exposure guidelines, as appropriate. Ventilation rates should be matched to conditions. Explosion-proof mechanical exhaust ventilation, with volume and pattern capable of maintaining a fresh air supply, is necessary in confined spaces. Refer to OSHA standard 29 CFR 1910.94 for guidelines.

**RESPIRATORY PROTECTION:** Wear a NIOSH approved respirator appropriate for the vapor or mist concentration at the point of use. Appropriate respirators may be full-face piece or a half mask air-purifying cartridge respirator equipped for organic vapors/mists, a self-contained breathing apparatus in the pressure demand mode, or a supplied-air respirator. Refer to OSHA standard 29 CFR 1910.134 for additional information.

**SKIN PROTECTION:** Chemical resistant gloves determined to be impervious under the conditions of use.

**EYE PROTECTION:** USE SAFETY GLASSES WITH SIDE SHIELDS (ANSI Z87.1 OR APPROVED EQUIVALENT). EYE PROTECTION WORN MUST BE COMPATIBLE WITH RESPIRATORY PROTECTION SYSTEM EMPLOYED. FACILITIES STORING OR UTILIZING THIS MATERIAL SHOULD BE EQUIPPED WITH AN EYEWASH FACILITY.

===== SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES =====

**BOILING RANGE:** 212F/100C

**MELTING POINT:** Not Applicable.

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.0033

**VAPOR DENSITY (Air=1):** HEAVIER THAN AIR

**VAPOR PRESSURE:** Not determined.

**EVAPORATION RATE (N-Butyl Acetate=1):** Slower than ether

**COATING V.O.C.:** 0.76 lb/gl

**COATING V.O.C.:** 91 g/l

**MATERIAL V.O.C.:** 0.09 lb/gl

**MATERIAL V.O.C.:** 11 g/l

**SOLUBILITY IN WATER:** Soluble.

**APPEARANCE:** Moderately viscous pigmented liquid, various colors.

**ODOR:** AMMONIA ODOR

**PH:** 8.0 to 8.5

===== SECTION X - STABILITY & REACTIVITY DATA =====

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Extremely hot or cold temperatures

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents

**HAZARDOUS DECOMPOSITION PRODUCTS:** THERMAL DECOMPOSITION MAY YIELD CARBON MONOXIDE, CARBON DIOXIDE, AND UNIDENTIFIED ORGANIC COMPOUNDS IN FUMES AND SMOKE.

**HAZARDOUS POLYMERIZATION:** Not expected to occur

===== SECTION XI - TOXICOLOGICAL INFORMATION =====

\* Data is for individual components of preparation.

**MATERIALS HAVING A KNOWN CHRONIC/ACUTE EFFECTS ON EYES: NO DATA**

**MATERIALS HAVING A KNOWN DERMAL TOXICITY: NO DATA**

**MATERIALS HAVING A KNOWN ORAL TOXICITY: NO DATA**

**MATERIALS HAVING A KNOWN INHALATION HAZARD: NO DATA**

**IDENTIFIED ACUTE / SHORT -TERM EFFECTS:** Headache, nausea, abdominal pain and irritation of the nose, throat and lungs. Skin and eye irritation.

**IDENTIFIED CARCINOGENS / LONG-TERM EFFECTS: NO DATA.**

**IDENTIFIED TERATOGENS: NO DATA**

**IDENTIFIED REPRODUCTIVE TOXINS: NO DATA**

**IDENTIFIED MUTAGENS: NO DATA**

===== SECTION XII - ECOLOGICAL INFORMATION =====

**ECOTOXICOLOGICAL EFFECTS ON PLANTS AND ANIMALS: NO DATA AVAILABLE**

**CHEMICAL FATE:** No Data Available

===== SECTION XIII - DISPOSAL CONSIDERATIONS =====

**INSTRUCTIONS:** Dispose of unused product or contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. Incineration is acceptable and the preferred method of disposal, however; nitrogen oxide emissions controls may be required to meet specifications. Chemical and biological degradation is possible. Empty containers will retain product residue and vapors and are subject to proper waste disposal, as above.

===== SECTION XIV - TRANSPORT INFORMATION =====

**SHIPPING INFORMATION:**

**DOT INFORMATION - 49 CFR 172.101**

**DOT DESCRIPTION: NON HAZARDOUS**

===== **SECTION XV - REGULATORY INFORMATION** =====  
(Not meant to be all inclusive-selected regulations represented)

**US REGULATIONS:**

**STATUS OF SUBSTANCE LISTS:** The concentrations shown in Section II are Maximum Ceiling Levels (weight %) to be used for calculations for regulations.

A reportable quantity is a quantity of a hazardous substance that triggers reporting requirements under the Comprehensive Environmental Response Compensation And Liability Act (CERCLA).

If a spill of a substance exceeds it's reportable quantity (RQ) in CFR 302.3, Table 40 302.4 Appendix A & 302.4 Appendix B, the release must be reported to The National Response Commission At (800) 424-8802, The State Emergency Response Commission (SERC), And community emergency coordinators likely to be affected.

**COMPONENTS PRESENT THAT COULD REQUIRE REPORTING UNDER THE STATUTE ARE: NONE KNOWN**

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III.**

Requires emergency planning based on Threshold Planning Quantities (TPQ'S) and release reporting based on Reportable Quantities (RQ'S) In 40 CFR 355 Appendix A&B Extremely Hazardous Substances. The emergency planning and release requirements of 40 CFR 355 apply to any facility at which there is present any amount of any extremely hazardous substance (EHS) equal to or in excess of it's Threshold Planning Quantity (TPQ).

**COMPONENTS PRESENT THAT COULD REQUIRE REPORTING UNDER THE STATUTE ARE: NONE KNOWN**

**EPCRA 40 CFR 372 (SECTION 313)** Requires EPA and the States to annually collect data on releases of certain toxic materials from industrial facilities, and make the data available to the public in the Toxics Release Inventory (TRI). This information must be included in all MSDS'S that are copied and distributed or complied for this material. Reporting Threshold: Standard: A facility must report if it manufactures (including imports) or processed 25,000 pounds or more or otherwise uses 10,000 pounds or more of a listed toxic chemical during the calendar year.

**COMPONENTS PRESENT THAT COULD REQUIRE REPORTING UNDER THE STATUTE ARE: SEE SECTION II**

The components of this product are listed or excluded from listing on the US Toxic Substance Control Act (TSCA) chemical substance inventory. Mixtures shall be assumed to present the same health hazards as do the components which comprise one percent (by weight or volume) or greater of the mixture, except that the mixture shall be assumed to present a carcinogenic hazard if it has a component in concentrations of 0.1 percent or greater. The remaining percentage of unspecified ingredients, if any, are not contained in above DeMinimis concentrations and/or are believed to be non-hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200), and may consist of pigments, fillers, defoamers, wetting agents, resins, dryers, anti-bacterial agents, water and/or solvents in varying concentrations.

**INTERNATIONAL REGULATIONS:**

**CANADIAN WHMIS: DOES NOT CLASSIFY AS HAZARDOUS.**

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): NONE KNOWN**

**EINECS: NO INFORMATION.**

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**STATE REGULATIONS:**

**CALIFORNIA: CALIFORNIA PROPOSITION 65:** The following Statement is made in order to comply with The California Safe Drinking Water and Toxic Enforcement Act of 1986

“WARNING: This product contains the chemical(s) appearing below known to the State of California to:

**A: CAUSE CANCER: NONE KNOWN**

\*If tinted contains Carbon Black: CAS# 1333-86-4 and may also contain trace amounts of Crystalline Silica: CAS# 14808-60-7

**B: CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: NONE KNOWN.**

In addition to the above named chemical(s) (if any), this product may contain trace amounts of chemicals, known to The State of California, to cause Cancer or Birth Defects and other Reproductive Harm.

**DELAWARE: NONE KNOWN**

**FLORIDA: NONE KNOWN**

**MASSACHUSETTS: NONE KNOWN**

**MICHIGAN: NONE KNOWN**

**MINNESOTA: NONE KNOWN**

**NEW JERSEY: NONE KNOWN**

**NEW YORK: NONE KNOWN**

**PENNSYLVANIA: NONE KNOWN**

**WASHINGTON: NONE KNOWN**

===== **SECTION XVI - OTHER INFORMATION** =====

**HMIS® III**

**HEALTH** : 2  
**FLAMMABILITY** : 1  
**PHYSICAL HAZARD** : 0

\*Following Health rating Indicates Chronic/Carcinogenic Effects

**HMIS® III PERSONAL PROTECTION** : H

This rating is for the product as it is packaged. This rating will need to be adjusted by the user based on conditions of use.

The information contained herein relates only to the specific material identified. The Manufacture believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, expressed or implied, is made to the accuracy, reliability, or completeness of the information. To assure proper use & disposal of these materials & the safety & health of employees & customers, The Manufacture urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.