

MATERIAL SAFETY DATA SHEET
COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I · PRODUCT IDENTIFICATION

Product Name: Ultra Seal 500
Product Number: 118
Product Type: AEROSOL
Formula: Proprietary
Supplier's Name: Superior Industries, Inc.
Supplier's Address: 6180 Airways Blvd, Chattanooga, TN 37421
DOT Ship Description: CONSUMER COMMODITY, ORM-D

Date Prepared: 11/09/2012

Information Phone: (423) 899-0467
Emergency Phone: (800) 476-2072

HMIS Rating (Based on Aerosol Conc.):
0-Minimal 1-Slight 2-Moderate
3-Serious 4-Extreme

| | |
|-----------------------------|---|
| HEALTH: | 1 |
| FLAMMABILITY: | 1 |
| PHYSICAL HAZARD: | 0 |
| Personal Protection: | B |

SECTION II · INGREDIENTS

| <u>CHEMICAL NAME</u> | <u>CAS #</u> | <u>%WT</u> | <u>313/Chem</u> | <u>Skin</u> | <u>Carcinogen</u> | <u>PEL</u> | <u>TLV-TWA</u> |
|------------------------|--------------|------------|-----------------|-------------|-------------------|------------|-----------------------|
| Silica, Amorphous | 7631-86-9 | 5 - 10 | NO | NO | NO | | *See Acetic |
| Ethyltriacetoxysilane | 17689-77-9 | 1 - 5 | NO | NO | NO | | Acid Comments Section |
| Methyltriacetoxysilane | 4253-34-3 | 1 - 5 | NO | NO | NO | | Listed Below* |
| Difluoroethane** | 75-37-6 | 1 - 5 | NO | NO | NO | N/E | N/E |

*Acetic Acid Comments: Acetic Acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within OSHA guidelines.
PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

**Propellant remains in can during and after normal use and is not expelled with product. Do not remove rubber plug from bottom of container.

SECTION III · PHYSICAL DATA

Aerosol Concentrate:

Boiling Point: N/D **Specific Gravity (H₂O=1)@70°F:** 1.04
pH: N/A **Solubility In Water:** None
Appearance/Odor: White or colorless paste with acetic acid odor while curing then odorless **Vapor Density(Air=1):** N/D

Total Contents:

Total VOC %: < 4.00% **Vapor Pressure (can; psig @72°F):** N/D

SECTION IV · FIRE AND EXPLOSION DATA

Flash Point (Conc.): N/D **Flammability (as per CSMA Flame Projection Test):** **Container pressurized with a Flammable Gas, as listed in Section II. Do NOT remove rubber plug from bottom of container, or expose to heat, sparks or flames.**
Extinguishing Media: Foam, CO₂, Dry Media, Water

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
Unusual Fire and Explosion Hazards: Exposure to temperature above 120° F may cause bursting.

SECTION V · REACTIVITY DATA

Stability: Material Stable. **Hazardous Polymerization:** Will not Occur.
Incompatibility: Avoid contact with strong oxidizing agents,
Hazardous Decomposition Products: Thermal breakdown may result in production of Sulfur Dioxides, CO_x, Silicon Dioxide, Iodine compounds, Formaldehyde and NO_x

SECTION VI · STORAGE AND HANDLING

KEEP OUT OF REACH OF CHILDREN. **NFPA Code 30B Rating:** Level 1 Aerosol
For Industrial and Institutional use only.
Store in a cool, dry area away from heat or open flame.
Do not store at temperatures above 120° F.

SECTION VII · HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:

Eyes: Direct contact may cause irritation accompanied by redness and swelling.
Skin: Frequent or prolonged contact may cause irritation.
Inhalation: Inhalation can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause dizziness, nausea and other central nervous system effects.
Ingestion: Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may cause digestive discomfort.

FIRST AID PROCEDURES:

Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. Seek medical attention immediately.
Skin: Wipe off excess sealant with dry paper towel or cloth, and wash with soap and water. If irritation persists seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.
Ingestion: Do not induce vomiting. No additional first aid should be needed.

SECTION VIII · SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions..
Ventilation: Provide local exhaust to keep concentration of Section II ingredients below acceptable limits.
Protective Gloves: Wear cloth gloves to prevent skin contact.
Eye Protection: Wear safety glasses or chemical proof goggles. Use of product produces Acetic Acid vapors, as described in Section II, do not wear contact lens when using this product.

SECTION IX · SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Dispose of material in accordance with Federal, State and local laws.
WASTE DISPOSAL METHOD: Consult Federal, State and local authorities for approved procedures.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.