



Material Safety Data Sheet

The information presented in these forms is believed to be correct and sufficient to meet the requirements of OSHA Hazard Communication standard (29 CFR 1910.1200) concerning worker's right to know.

This MSDS covers the following AerVOE aerosol product.

Manufactured for: Lilly Miller Brands, PO Box 2289, Clackamas, OR 97015 503-451-4451

Product Name: Tree Seal (aerosol)

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: AerVOE Industries Inc.

ADDRESS: 1198 Mark Circle, Gardnerville, NV 89410

INFORMATION PHONE: 775-782-0100

EMERGENCY PHONE: 1-800-424-9300

DATE REVISED: 01-23-04

REASON REVISED: Updated

SECTION II - HAZARDOUS INGREDIENTS / SARA III INFORMATION OCCUPATIONAL EXPOSURE LIMITS

| HAZARDOUS COMPONENTS | WEIGHT PERCENT | OSHA PEL | ACGIH TLV | LD50 SPECIES & ROUTE | LC50 SPECIES & ROUTE |
|--|----------------|--|-----------|-----------------------------|------------------------------|
| COG Material | 30 - 40 | Hazards not evaluated by AerVOE Industries | | | |
| Solvent Naphtha (Petroleum), Light Aliphatic (CAS 64742-89-8) | 30 - 40 | N / AV | N / AV | > 2000 mg / kg (Rat-Dermal) | > 5000 ppm / 1 hr (Rat-Inha) |
| Hydrocarbon Propellant (CAS 68476-86-8) | 20 - 30 | 1000 ppm | 1000 ppm | N / AV | N / AV |
| *Xylene (CAS 1330-20-7) | 5 - 10 | 100 ppm | 100 ppm | 4.3g / kg (Rat-Oral) | 5000 ppm (4 hr, Rat) |

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

NOTE: N / AP = Not Applicable N / AV = Not Available

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: N / AP

Odor Threshold: N / AV

Evaporation Rate: Slower than n-Butyl Acetate

Specific Gravity (H₂O=1): 0.7

Vapor Density: Heavier than air

Appearance and Odor: Black liquid with a hydrocarbon odor.

Coefficient of Water / Oil Dist: N / AV

Solubility in Water: Negligible

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: < 0° F (-18° C)

METHOD USED: Estimated

FLAMMABLE LIMITS - LEL: 0.8% **UEL:** 9.5%

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, water spray.

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool containers exposed to heat or fire to prevent pressure build up. Self-contained breathing apparatus should be used if product is involved in fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme temperature.

FLAMMABILITY: Flammable aerosol under conditions of sparks, flame, or hot surfaces.

SENSITIVITY TO IMPACT: Do not puncture

SENSITIVITY TO STATIC DISCHARGE: Low

SECTION V - REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Open flames, sparks, electrical arcs.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Monoxide, Carbon Dioxide.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA

INHALATION: Respiratory tract irritant. May cause dizziness, light-headedness and / or headaches.

SKIN CONTACT: Prolonged or repeated contact may cause irritation and dermatitis.

EYE CONTACT: Painful with slight to moderate irritation.

SKIN ABSORPTION: Not likely to be absorbed in toxic amounts under normal use.

INGESTION: Not likely in normal use but swallowing large amounts may be harmful.

CARCINOGENICITY: The ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.

TERATOGENICITY: Not established **MUTAGENICITY:** Not established

MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE: Not established

EMERGENCY AND FIRST AID PROCEDURES: INHALATION - Remove from exposure, seek medical attention if signs/symptoms persist.

SKIN - Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.

EYES - Flush immediately with water for 15 minutes, seek medical attention if irritation persists.

INGESTION - Do NOT induce vomiting, drink plenty of water, seek medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse. Use an inert absorbent material and non-sparking type tools.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not store above 120° F (49° C). Do not store or use near heat, sparks or flame.

OTHER PRECAUTIONS: Do not smoke while using this product.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator.

For concentrations above the TLV (as defined in Section II), use a positive air supplied respirator.

VENTILATION: General ventilation to maintain exposure limits below TLV's as defined in Section II.

PROTECTIVE GLOVES: Chemical resistant gloves such as Neoprene or Nitrile rubber.

EYE PROTECTION: Safety glasses or goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not established.

WORK / HYGIENIC PRACTICES: Avoid prolonged or repeated contact. Do not breathe vapors. Wash contaminated clothing prior to reuse.

SECTION IX - DISCLAIMER

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE SO. NOTHING CONTAINED HEREIN CONSTITUTES A SPECIFICATION NOR IS IT INTENDED TO WARRANT SUITABILITY FOR THE INTENDED USE.