

SECTION 6 - Toxicological Properties

SECTION 1 - Product Information

Product Identifier:

2001 1% Silicone Mold Release	2013 Paintable Silicone Mold Release
2010 General Purpose Silicone Mold Release	2014 T.F.E. Dry Film Mold Release
2011 Food Grade Silicone Mold Release	2015 Zinc Stearate Dry Powder Mold Release
2012 Heavy Duty Silicone Mold Release	

Product Use: Mold Release

Manufacturer's Name: Aerove Industries Inc.

Address: 1198 Mark Circle, Gardnerville, NV 89410

Emergency Phone: 1-800-424-9300

Preparation Date: July 24, 2008

SECTION 2 - Hazardous Ingredients

Hazardous Ingredients	Weight %	CAS Number	LD ₅₀ of Ingredient (species & route)	LC ₅₀ of Ingredient (species)
1,1-Difluoroethane	40 - 70	75-37-6	N / AV	N / AV
Dimethyl Ether	15 - 40	115-10-6	N / AV	164,000 ppm / 4 hr (Rat)
Heptane	5 - 10	142-82-5	N / AV	N / AV

2014 also contains the following:

Isopropanol	1 - 5	67-63-0	N / AV	N / AV
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SECTION 3 - Physical Data

Physical State: Aerosol
Boiling Point: N / AP
Vapor Density (air = 1): Heavier than air
Odor and Appearance: Slight ethereal odor / Clear liquid

Specific Gravity: 0.8
Freezing Point: N / AV
Vapor Pressure (psig): 35 - 45

Evaporation Rate: Faster than n-Butyl Acetate
pH: N / AP

SECTION 4 - Fire and Explosion Data

Flammability: No
Means of Extinction: *Extinguishing Media* - Carbon dioxide, dry chemical, water spray. *Firefighting Procedures* - Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme temperature. Use water spray to cool containers to prevent pressure build up. Self-contained breathing apparatus should be used if product is involved in fire.
Flashpoint: N / AV
Autoignition Temperature: N / AV
Explosion Data - Sensitivity to Mechanical Impact: No

Method Used: N / AV
Hazardous Combustion Products: Carbon Monoxide, Carbon Dioxide.
Explosion Data - Sensitivity to Static Discharge: No

Flammable Limits - LFL: 1.1% **UFL:** 18.0%

SECTION 5 - Reactivity Data

Chemical Stability: Stable
Reactivity & Conditions: None

Incompatibility with Other Substances: Strong oxidizing agents.
Hazardous Decomposition Products: None

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

Primary Routes of Entry: Skin Contact, Eye Contact, Inhalation

Effects of Acute Exposure to Product:

Skin Contact - Irritation.

Eye Contact - Irritation.

Inhalation - Irritation. May cause dizziness, light-headedness and / or headaches.

Effects of Chronic Exposure to Product: Dermatitis.

Exposure Limits (TLV):

1,1-Difluoroethane	N / AV - ACGIH 2005
Dimethyl Ether	N / AV - ACGIH 2005
Heptane	400 ppm TWA and 500 ppm STEL - ACGIH 2005
Isopropanol	200 ppm TWA and 400 ppm STEL - ACGIH 2005

Irritancy: Skin, eyes, and respiratory tract.

Sensitization: N / AV

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

Reproductive Toxicity: N / AV **Teratogenicity:** N / AV **Mutagenicity:** N / AV **Synergistic Products:** N / AV

SECTION 7 - Preventive Measures

Personal Protective Equipment (PPE): Gloves - Yes Respirator - Yes Eye - Yes Footwear - No Clothing - No Other - No

Skin Protection - Chemical resistant gloves such as Neoprene or Nitrile rubber.

Respiratory Protection - In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator.

For concentrations above the TLV (as defined in Section 6), use a positive air supplied respirator.

Eye Protection - Safety glasses or goggles.

Engineering Controls: General ventilation to maintain exposure limits below TLV's as defined in Section 6.

Leak and Spill Procedure: Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse. Use an inert absorbent material and non-sparking type tools.

Waste Disposal: Dispose of in accordance with local, state/provincial or territorial, and federal regulations. Do not incinerate closed containers.

Handling Procedures and Equipment: Do not use near heat, sparks, or open flame. Use PPE as defined in Section 7.

Storage Requirements: Do not store near heat, sparks, flame or above 120° F (49° C).

Special Shipping Information: Consumer Commodity ORM-D.

SECTION 8 - First Aid Measures

Inhalation: Remove from exposure, seek medical attention if signs/symptoms persist.

Ingestion: Do NOT induce vomiting, seek medical attention.

Skin Contact: Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.

Eye Contact: Flush immediately with water for 15 minutes, seek medical attention if irritation persists.

SECTION 9 - Preparation Information

Prepared by: Technical Department

Telephone Number: 775-782-0100

Preparation Date: July 24, 2008

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