



HIGH TECH PRODUCTS, INC.

2376 E. Pacifica Place Rancho Dominguez, CA 90220 (800) 675-1118 www.alliedhightech.com

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION					SECTION 3: HAZARDS IDENTIFICATION																											
Product Details Product Name: PTFE Based Mold Release Spray Allied Item No.: 200-10006 Chemical Name: Ether/Alcohol/HFC Mixture					Emergency Overview: Overexposure may cause irritation to the nose and throat and may also cause dizziness, drowsiness and other effects of the central nervous system. Direct contact with liquified propellant may cause frostbite. Hazard Statement: While the lubricant is non-flammable in its presented form, it exhibits strong "residual" flammability and should be used with caution around ignition sources. High heat will cause explosive rupture of aerosol containers.																											
Company Identification Allied High Tech Products, Inc. 2376 East Pacifica Place Rancho Dominguez, CA 90220 (310) 635-2466 Contact Point Transportation for United States Chemtrec (800) 424-9300 * (202) 483-7616					SECTION 4: FIRST AID MEASURES																											
SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 30%; text-align: center;">Potential Health Effects</th> <th style="width: 40%; text-align: center;">First Aid/ Medical Info.</th> </tr> </thead> <tbody> <tr> <td>Eye Contact:</td> <td>Eye irritation.</td> <td>Remove contact lenses. If irritated, flush with water for 15 minutes. Seek medical attention immediately.</td> </tr> <tr> <td>Skin Contact:</td> <td>Repeated exposure may cause skin dryness or cracking.</td> <td>Remove contaminated shoes and clothing. Wash with soap and water. Do not use ointments. Seek medical attention if irritation persists.</td> </tr> <tr> <td>Inhalation:</td> <td>Excessive inhalation of vapors can cause irritation of the respiratory tract, nausea, dizziness or headache.</td> <td>Immediately move victim to fresh air. If not breathing, begin CPR. If heart has stopped, give CPR. If breathing is difficult seek medical attention immediately.</td> </tr> <tr> <td>Ingestion:</td> <td>Harmful if swallowed. Aspiration hazard if swallowed - can enter lungs and cause damage.</td> <td>Do NOT induce vomiting. If vomiting occurs, place victim's head below knees. If drowsy or unconscious, place on the left side with head down. Seek medical attention immediately.</td> </tr> <tr> <td colspan="3">Note:</td> </tr> </tbody> </table>				Potential Health Effects	First Aid/ Medical Info.	Eye Contact:	Eye irritation.	Remove contact lenses. If irritated, flush with water for 15 minutes. Seek medical attention immediately.	Skin Contact:	Repeated exposure may cause skin dryness or cracking.	Remove contaminated shoes and clothing. Wash with soap and water. Do not use ointments. Seek medical attention if irritation persists.	Inhalation:	Excessive inhalation of vapors can cause irritation of the respiratory tract, nausea, dizziness or headache.	Immediately move victim to fresh air. If not breathing, begin CPR. If heart has stopped, give CPR. If breathing is difficult seek medical attention immediately.	Ingestion:	Harmful if swallowed. Aspiration hazard if swallowed - can enter lungs and cause damage.	Do NOT induce vomiting. If vomiting occurs, place victim's head below knees. If drowsy or unconscious, place on the left side with head down. Seek medical attention immediately.	Note:									
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Extinguishing Media: Dry chemical powder, water spray, fog or foam. Fire Fighting Instruction: Cool cans with water spray. Wear full protective clothing and OSHA/NIOSH self-contained breathing apparatus with full facepiece if cans rupture or release under fire conditions. Evacuate and fight fire from a maximum distance. Special Hazards: Cans may rupture under fire conditions, spread fire and overcome sprinkler systems.					SECTION 6: ACCIDENTAL RELEASE MEASURES																											
Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.					Contain and recover spilled liquid when possible. Ventilate. Small spills absorb with an inert material and dispose of properly. Large spills dike ahead of liquid and use absorbent pads, litter or other non-combustible absorbent materials. Place into waste disposal containers.																											
HMIS Ratings Health: 1 Flammability: 3 Reactivity: 0					SECTION 6: ACCIDENTAL RELEASE MEASURES																											

SECTION 7: HANDLING & STORAGE	SECTION 12: ECOLOGICAL INFORMATION
<p>Handling: DO NOT spray into or around ignition sources. After handling, always wash hands thoroughly with soap and water. Use only with adequate ventilation. Avoid breathing vapors or mists.</p> <p>Storage: Store in a cool, well-ventilated area. Store below 120 °F (49 °C). Store aerosols as Level 1 Aerosol (NFPA 30B).</p>	<p>Aquatic Toxicity: Isopropyl Alcohol: 96 hour LC50, Pimephales promelas, 11,130,000 µg/L</p>
SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION	SECTION 13: DISPOSAL INFORMATION
<p>Engineering Measures: Normal ventilation for standard manufacturing procedures is generally adequate to keep vapors below exposure limits.</p> <p>Respiratory Protection: Use an organic vapor phase cartridge-style respirator if ventilation is inadequate.</p> <p>Protective Gloves: Nitrile gloves</p> <p>Eye Protection: Safety glasses</p> <p>Other: Have eye-wash facilities immediately available.</p>	<p>Non-empty aerosols (per EPA definition) are a RCRA hazardous waste carrying code D003. Dispose of in accordance with Federal, state and local environmental control regulations.</p>
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES	SECTION 14: TRANSPORT INFORMATION
<p>Appearance: Pressurized spray Odor: Ethereal Solubility: 57% water soluble Boiling Point: NA Melting Point: NA Flash Point: NE Vapor Pressure: 630 kPa @ 77 °F (25 °C) Vapor Density: >1 Evaporation Rate: >1 Specific Gravity: 0.842 @ 77 °F (25 °C) Flammable Limits LEL: NE Flammable Limits UEL: NE</p>	<p>DOT: Consumer commodity ORM-D</p> <p>IATA: AEROSOLS, non-flammable Hazard Class 2.2 UN Number: 1950 Non-flammable Gas</p>
SECTION 10: STABILITY & REACTIVITY	SECTION 15: REGULATORY INFORMATION
<p>Stability: Stable at room temperature.</p> <p>Conditions to Avoid/Incompatibles: Extremely reactive or incompatible with oxidizing agents.</p> <p>Decomposition Products: Carbon oxides (CO, CO2)</p> <p>Hazardous Polymerization: Will not occur.</p>	<p>RCRA Hazardous Waste No.: D003 (non-empty aerosol) Toxic Substance Control Act TSCA: Listed. CERCLA: No. SARA Title III: Acute Health/Pressure Hazard: Yes Toxic Chemicals: None Section 112 Hazardous Air Pollutants (HAPS): Dimethyl Ether (threshold quantity 10,000 pounds) New Jersey Right to Know: Dimethyl Ether, Tetrafluoroethane, Isopropanol, Polytetrafluoroethylene (PTFE), alpha-(difluoromethylene) Canada: All components are included on the Canadian Domestic Substances List (DSL). WHMIS: Aerosol: Class A, Class D Division 2B RoHS Compliant: YES</p>
SECTION 11: TOXICOLOGICAL INFORMATION	SECTION 16: OTHER INFORMATION
<p>Tetrafluoroethane: Inhalation 4H LC50: 1,500 gm/m³ in rats Dimethyl Ether: Inhalation 15M LC50: 93 g/m³ in mouse Isopropyl Alcohol: Inhalation 8H LC50: 16,000 ppm in rats; LD50 3,600 mg/kg oral mouse</p>	<p>Legend NAIF: No Applicable Information Found NA: Not Available/Applicable NE: None Established</p> <p>DISCLAIMER: The above information and recommendations are believed accurate and reliable. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. ALLIED HIGH TECH PRODUCTS, INC. makes no warranty, either express or implied, as to its accuracy or completeness and none is made as to the fitness of this material for any purpose. The manufacturer/distributor shall not be liable for damages to person or property resulting from its use. Nothing herein shall be construed as a recommendation for use in violation of any patent.</p>
<p>Page 2 of 2:</p>	<p>Form Prepared By: Allied High Tech Products, Inc. January 2013</p>