

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION					SECTION 3: HAZARDS IDENTIFICATION																																							
<p>Product Details</p> <p>Product Name: Silicone Mold Release Spray - Hot with Teflon™</p> <p>Allied Item No.: 200-10006</p> <p>Chemical Name: Silicone Solution</p> <p>Company Identification Allied High Tech Products, Inc. 2376 East Pacifica Place Rancho Dominguez, CA 90220 (310) 635-2466</p> <p>Contact Point Transportation for United States Chemtrec (800) 424-9300 * (202) 483-7616</p>					<p>Emergency Overview: Gross overexposure may cause, suffocation if air is displaced by vapors. Repeated or or excessive overexposure may cause central nervous system stimulation with increased activity or sleeplessness, tremors, convulsions, dizziness, confusion, incoordination, drowsiness and/or unconsciousness.</p> <p>Hazard Statement: Inhalation of fluorine compounds released and decomposition products above 554 °F (290 °C) may cause lung irritation and pulmonary edema which requires medical treatment. Inhalation of fumes or smoke from overheated or burning Poly-TFE may cause polymer fume fever, a temporary flu-like illness accompanied by fever, chills and sometimes cough, of approximately 24 hour duration. Repeated episodes of polymer fume fever may cause lung damage.</p>																																							
SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT					SECTION 4: FIRST AID MEASURES																																							
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<p>Note: Increased susceptibility to the effects of this material may be observed in persons with pre-existing disease of the central nervous system, cardiovascular system. Activated charcoal mixture may be administered. To prepare activated charcoal mixture suspend 50 grams activated charcoal in 400 ml water and mix thoroughly. Administer 5 ml/kg or 350 ml for an average adult. Because of possible increased risk of eliciting cardiac dysrhythmia, catecholamine drugs such as epinephrine should be used with special caution in situations of emergency life support. Because of the danger of aspiration, emesis or gastric lavage should NOT be employed unless the risk is justified by the presence of additional toxic substances. Activated charcoal may induce vomiting, but may be given after emesis or lavage to absorb toxic additives. Steroid therapy in mild to moderate cases does not improve outcome. Bacterial pneumonia often occurs after exposure but prophylactic antibiotics are not indicated and should be reserved for documented bacterial pneumonia.</p>																																												
SECTION 5: FIRE FIGHTING MEASURES																																												
<p>Extinguishing Media: As appropriate for combustibles in area.</p> <p>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.</p> <p>Special Hazards: Cans may rupture under fire conditions. Decomposition may occur.</p>																																												
SECTION 6: ACCIDENTAL RELEASE MEASURES																																												
<p>Use appropriate personal protective equipment during clean up. Evacuate personnel, thoroughly ventilate area, use self-contained breathing apparatus. Collect on absorbent material and transfer to steel drums for recovery or disposal.</p>																																												
<p>Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.</p>				<p>HMIS Ratings Health: 2 Flammability: 2 Reactivity: 1</p>																																								
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SECTION 7: HANDLING & STORAGE	SECTION 12: ECOLOGICAL INFORMATION
<p>Handling: Avoid contact with skin and eyes. Observe good housekeeping practices.</p> <p>Storage: Store in a clean, dry area. Do not heat above 125 °F (52 °C). Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.</p>	<p>Aquatic Toxicity: Isopropyl Alcohol: 96 hour LC50, Fathead Minnow: 3200 mg/l</p>
SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION	SECTION 13: DISPOSAL INFORMATION
<p>Engineering Measures: Normal ventilation for standard manufacturing procedures in generally adequate.</p> <p>Respiratory Protection: Use OSHA/NIOSH approved respiratory protection if level of air contaminants is excessive.</p> <p>Protective Gloves: Impervious gloves.</p> <p>Eye Protection: Chemical splash goggles.</p> <p>Other: Eye wash and shower facility recommended.</p>	<p>Reclaim by distillation or remove to a permitted waste disposal facility. Dispose of waste material according to Federal, State and Local regulations.</p>
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES	SECTION 14: TRANSPORT INFORMATION
<p>Appearance: Milky liquid Odor: Faint alcohol Solubility: Insoluble Boiling Point: NA Melting Point: NA Flash Point: NA Vapor Pressure: 80 psig @ 77 °F (25 °C) Vapor Density: >1 Evaporation Rate: NA Specific Gravity: NA Flammable Limits LEL: NA Flammable Limits UEL: NA</p>	<p>NA</p>
SECTION 10: STABILITY & REACTIVITY	SECTION 15: REGULATORY INFORMATION
<p>Stability: Stable at room temperature.</p> <p>Conditions to Avoid/Incompatibles: Alkali or Alkaline earth metals-powdered Al, Zn, Be, etc. Also nitric acid and sulfuric acids, strong oxidizers, aldehydes, halogens, halogen compounds, aluminum, amines and ammonia.</p> <p>Decomposition Products: Decomposes with high temperatures, 617 - 752 °F (325 - 425 °C)Hydrofluoric acid and possibly carbonyl fluoride, hazardous gases including carbon dioxide and carbon monoxide.</p> <p>Hazardous Polymerization: Will not occur.</p>	<p>Toxic Substance Control Act TSCA: Yes.</p> <p>CERCLA: No.</p> <p>SARA Title III: Acute Health/Pressure Hazard: Yes Chronic Health/Fire Hazard/Reactivity Hazard: No</p>
SECTION 11: TOXICOLOGICAL INFORMATION	SECTION 16: OTHER INFORMATION
<p>Isopropyl Alcohol: Skin Absorption: LD50: 12,900 mg/kg in rabbits Oral LD50: 4700 mg/kg in rats Inhalation 4 hour LD50: 16,000 ppm in rats</p> <p>Isopropyl alcohol is a mild skin irritant, a moderate eye irritant and is untested for skin sensitization in animals. No adequate animal data is available to define the carcinogenic potential of this material. Reproductive data on rats show no change in reproductive performance. Tests have shown that this material does not cause genetic damage in bacterial or mammalian cell cultures or in animals.</p> <p>Poly-TFE: The effects in animals from acute, subchronic, or chronic exposure by inhalation, ingestion or skin contact have not been determined.</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>
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