

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Details

Product Name: Silicone Hot Mold Release - Spray

Allied Item No.: 200-10005

Chemical Name: Silicon Solution

Company Identification

Allied High Tech Products, Inc.
2376 East Pacifica Place
Rancho Dominguez, CA 90220
(310) 635-2466

Contact Point

Transportation for United States
Chemtrek (800) 424-9300 * (202) 483-7616

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name	CAS No.	Exposure Limits in Air		Carcin. Y/N
		ACGIH TLV or TWA	OSHA PEL	
Synthetic Isoparaffinic Hydrocarbon 60-100%	64741-66-8	NA	NA	N
Methyl Alkyl Polysiloxane 1-5%	68037-77-4	NA	NA	N
Proprietary Resin Compound 1-5%	Proprietary	NA	NA	N
Stoddard Solvent 1-5%	8052-41-3	100 ppm/ 525 mg/m3	100 ppm/ 525 mg/m3	N

Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.

HMIS Ratings

Health: 1
Flammability: 3
Reactivity: 0

SECTION 3: HAZARDS IDENTIFICATION

Toxicity: Eye, skin and respiratory system irritant.

Primary Routes of Entry: Eyes, skin, inhalation and/or ingestion.

SECTION 4: FIRST AID MEASURES

	Potential Health Effects	First Aid/ Medical Info.
Eye Contact:	May cause irritation.	Flush with water for 15 minutes, seek medical attention.
Skin Contact:	May irritate and act as defatting agent with frequent or prolonged contact.	Wash with soap and water. Remove contaminated clothing.
Inhalation:	May cause irritation to nose, throat and respiratory tract.	Remove to fresh air. If symptoms develop and persist, seek medical attention.
Ingestion:	May be harmful if swallowed.	Keep individual calm. Do NOT induce vomiting. Seek medical attention.

Note: Existing Conditions Aggravated by Exposure: Existing dermatitis.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Alcohol foam, carbon dioxide, dry chemical or water.

Fire Fighting Instruction: Wear full protective clothing and OSHA/NIOSH self-contained breathing apparatus with full facepiece.

Special Hazards: Containers exposed to fire should be cooled with water to prevent vapor pressure buildup which could result in container rupture. If a leak or spill has not ignited, use water spray to disperse vapors. The liquid is volatile and gives off invisible vapors.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Prevent additional discharge of material, if possible to do so without hazard. Immediately contact emergency personnel. Remove all sources of ignition. Prevent liquid from entering sewers, water-courses or low areas. Contain with absorbent material such as clay, soil or any commercially available absorbent. Recover by pumping or with absorbent.

SECTION 7: HANDLING & STORAGE	SECTION 12: ECOLOGICAL INFORMATION
<p>Handling: Keep away from heat, sparks and flame. Avoid contact with eyes. Avoid breathing vapor or mist. Avoid contact with skin and clothing. Wash thoroughly after handling. Use proper grounding or bonding procedures. Do not cut, heat or weld containers. Empty container may contain residue. Observe good housekeeping practices.</p> <p>Storage: Keep containers tightly closed and sealed until ready to use. Store in a cool, dry place. Keep well ventilated and away from incompatible material. Do not store near open flame, heat or other sources of ignition. Do not store above 120°F (49°C).</p>	<p>No data available.</p>
SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION	SECTION 13: DISPOSAL INFORMATION
<p>Engineering Measures: Local exhaust system designed for flammable gas atmospheres to remove vapors.</p> <p>Respiratory Protection: Use OSHA/NIOSH approved respiratory protection if level of air contaminants is excessive.</p> <p>Protective Gloves: Use impervious gloves, apron and boots.</p> <p>Eye Protection: Safety glasses or chemical splash goggles.</p> <p>Other: Eyewash, safety shower and impervious clothing are recommended.</p>	<p>Incinerate of waste material according to EPA, Federal, State and Local regulations. Dispose of contaminated packaging as residue.</p>
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES	SECTION 14: TRANSPORT INFORMATION
<p>Appearance: Colorless liquid Odor: Mild odor Solubility: Negligible Boiling Point: >202°F (94°C) Melting Point: NA Flash Point: 28.4°F (-2°C) Vapor Pressure: 39 mm/Hg Vapor Density: 3.98 Evaporation Rate: 4 Specific Gravity: .712 Flammable Limits LEL: 1.5 Flammable Limits UEL: 11.6</p>	<p>DOT Shipping Name: Resin solution.</p> <p>DOT Hazard Class: 3, PGII</p> <p>DOT Id Number: UN1866</p> <p>DOT Marine Pollutant: None</p> <p>IATA Shipping Name/Class: Resin solution.</p> <p>IATA Class: 3, PGII</p> <p>IATA UN or Id Number: UN1866</p>
SECTION 10: STABILITY & REACTIVITY	SECTION 15: REGULATORY INFORMATION
<p>Stability: Stable</p> <p>Conditions to Avoid/Incompatibles: Keep away from heat, sparks and flame. Strong oxidizing agents.</p> <p>Decomposition Products: None known.</p> <p>Hazardous Polymerization: Will not occur.</p>	<p>CA Proposition 65: This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm - benzene, toluene.</p>
SECTION 11: TOXICOLOGICAL INFORMATION	SECTION 16: OTHER INFORMATION
<p>Product toxicological data not available.</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>Form Prepared By: Allied High Tech Products, Inc. January 2013</p>