



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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Product Details</p> <p>Product Name: Silicone Cold Mold Release - Spray</p> <p>Allied Item No.: 200-10010</p> <p>Chemical Name: Silicon Solution</p> <p>Company Identification</p> <p>Allied High Tech Products, Inc. 2376 East Pacifica Place Rancho Dominguez, CA 90220 (310) 635-2466</p> <p>Contact Point</p> <p>Transportation for United States Chemtrek (800) 424-9300 * (202) 483-7616</p> | | | | | <p><u>Warning:</u> Flammable liquid and vapor. Causes eye, skin and respiratory tract irritation.</p> <p><u>Routes of Entry:</u> Skin, inhalation, eyes.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT | | | | | SECTION 4: FIRST AID MEASURES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th rowspan="2">Chemical Name</th> <th rowspan="2">CAS No.</th> <th colspan="2">Exposure Limits in Air</th> <th rowspan="2">Carcin. Y/N</th> </tr> <tr> <th>ACGIH TLV or TWA</th> <th>OSHA PEL</th> </tr> </thead> <tbody> <tr> <td>Hydrotreated Heavy Naphtha 60-100%</td> <td>64742-48-9</td> <td>NA</td> <td>NA</td> <td>N</td> </tr> <tr> <td>Dibutyl Ether 10-30%</td> <td>142-96-1</td> <td>NA</td> <td>NA</td> <td>N</td> </tr> <tr> <td>Octane 1-5%</td> <td>111-65-9</td> <td>NA</td> <td>2350 mg/m3/500 ppm</td> <td>N</td> </tr> </tbody> </table> | | | | | Chemical Name | CAS No. | Exposure Limits in Air | | Carcin. Y/N | ACGIH TLV or TWA | OSHA PEL | Hydrotreated Heavy Naphtha 60-100% | 64742-48-9 | NA | NA | N | Dibutyl Ether 10-30% | 142-96-1 | NA | NA | N | Octane 1-5% | 111-65-9 | NA | 2350 mg/m3/500 ppm | N | <table border="1"> <thead> <tr> <th></th> <th>Potential Health Effects</th> <th>First Aid/ Medical Info.</th> </tr> </thead> <tbody> <tr> <td>Eye Contact:</td> <td>Moderate eye irritation.</td> <td>Flush with water for 15 minutes, seek medical attention.</td> </tr> <tr> <td>Skin Contact:</td> <td>Prolonged or repeated contact may cause irritation.</td> <td>Wash with soap and water. Remove contaminated clothing. If irritation persists, seek medical attention.</td> </tr> <tr> <td>Inhalation:</td> <td>Vapors and mists will irritate nose, throat and possibly the eyes.</td> <td>Remove to fresh air. If discomfort persists, seek medical attention.</td> </tr> <tr> <td>Ingestion:</td> <td>May be harmful if swallowed.</td> <td>Keep individual calm. Do NOT induce vomiting: contains petroleum distillates and/or aromatic solvents. Seek medical attention immediately.</td> </tr> </tbody> </table> <p>Note: Existing Conditions Aggravated by Exposure: Skin disorders.</p> | | | | Potential Health Effects | First Aid/ Medical Info. | Eye Contact: | Moderate eye irritation. | Flush with water for 15 minutes, seek medical attention. | Skin Contact: | Prolonged or repeated contact may cause irritation. | Wash with soap and water. Remove contaminated clothing. If irritation persists, seek medical attention. | Inhalation: | Vapors and mists will irritate nose, throat and possibly the eyes. | Remove to fresh air. If discomfort persists, seek medical attention. | Ingestion: | May be harmful if swallowed. | Keep individual calm. Do NOT induce vomiting: contains petroleum distillates and/or aromatic solvents. Seek medical attention immediately. |
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| <p>Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.</p> | | | | | SECTION 5: FIRE FIGHTING MEASURES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>HMIS Ratings</p> <p>Health: 1</p> <p>Flammability: 3</p> <p>Reactivity: 0</p> | | | | | <p><u>Extinguishing Media:</u> Alcohol foam, carbon dioxide or dry chemical.</p> <p><u>Fire Fighting Instruction:</u> Wear full protective clothing and OSHA/NIOSH self-contained breathing apparatus with full facepiece.</p> <p><u>Special Hazards:</u> 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Page 1 of 2: | | | | | SECTION 6: ACCIDENTAL RELEASE MEASURES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | <p>Remove all sources of ignition. Prevent material from contaminating ground water system. Contain with absorbent material such as clay, soil or any commercially available absorbent. Transfer contaminated absorbent, soil and other materials into recovery or salvage drums for disposal.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| <p>SECTION 7: HANDLING & STORAGE</p> | <p>SECTION 12: ECOLOGICAL INFORMATION</p> |
| <p><u>Handling:</u> Keep away from heat, spark and flame. Keep container closed. Avoid contact with eyes, skin and clothing. Do not wear contact lenses. Observe good house keeping practices.</p> <p><u>Storage:</u> Store away from heat, sparks, flames or other sources of ignition. Keep container closed. Store at or below 120 °F (48.8 °C).</p> | <p>No specific studies have been conducted on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, groundwater or surface waters could entail acute and/or chronic ecological effects depending on the quantity and concentration of such releases. Releases of volatile components to the atmosphere are not believed to entail significant ecological consequences provided such releases are within the exposure levels set forth in this document. Accordingly, all appropriate measure should be taken to avoid uncontrolled releases to the environment and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.</p> |
| <p>SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION</p> | <p>SECTION 13: DISPOSAL INFORMATION</p> |
| <p><u>Engineering Measures:</u> Local exhaust system designed for flammable gas atmospheres to remove vapors.</p> <p><u>Respiratory Protection:</u> Use OSHA/NIOSH approved respiratory protection if level of air contaminants is excessive.</p> <p><u>Protective Gloves:</u> Use impervious gloves, apron and boots.</p> <p><u>Eye Protection:</u> Safety glasses or chemical splash goggles.</p> <p><u>Other:</u> Eyewash, safety shower and impervious clothing are recommended.</p> | <p>Incinerate of waste material according to Federal, State and Local regulations. Dispose of contaminated packaging as residue.</p> |
| <p>SECTION 9: PHYSICAL & CHEMICAL PROPERTIES</p> | <p>SECTION 14: TRANSPORT INFORMATION</p> |
| <p>Appearance: Colorless liquid Odor: Mild, solvent Solubility: Slight Boiling Point: >235 °F (112 °C) Melting Point: NA Flash Point: 87 °F (31 °C) Vapor Pressure: NA Vapor Density: Heavier than air Evaporation Rate: Slower than ether Specific Gravity: .754 Flammable Limits LEL: NA Flammable Limits UEL: NA</p> | <p><u>DOT Shipping Name:</u> Resin solution.</p> <p><u>DOT Hazard Class:</u> 3, III</p> <p><u>DOT Id Number:</u> UN1866</p> <p><u>IATA & IMO/IMDG Shipping Name/Class:</u> Resin solution.</p> <p><u>IATA & IMO/IMDG Class:</u> 3, PGII</p> <p><u>IATA & IMO/IMDG UN or Id Number:</u> UN1866</p> |
| <p>SECTION 10: STABILITY & REACTIVITY</p> | <p>SECTION 15: REGULATORY INFORMATION</p> |
| <p><u>Stability:</u> Stable</p> <p><u>Conditions to Avoid/Incompatibles:</u> Keep away from heat, sparks and flame. Oxidizing agents.</p> <p><u>Decomposition Products:</u> None under normal use.</p> <p><u>Hazardous Polymerization:</u> Will not occur.</p> | <p><u>CA Proposition 65:</u> This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.</p> <p><u>Toxic Substance Control Act TSCA:</u> All ingredients are TSCA listed.</p> <p><u>CERCLA:</u> This product is not classified as hazardous.</p> <p><u>Canada CEPA DSL/NDSL Status:</u> One or more components are not listed on and are not exempt from listing on either the DSL or the NDSL.</p> <p><u>Canada WHMIS Hazard Class:</u> B.2, D.2.A, D.2.B</p> |
| <p>SECTION 11: TOXICOLOGICAL INFORMATION</p> | <p>SECTION 16: OTHER INFORMATION</p> |
| <p>This material is not listed as a carcinogen by IARC, NTP or OSHA.</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> |