

MATERIAL SAFETY DATA SHEET

SECTION 1: NAME OF PRODUCT																	
PRODUCTNAME: <i>Silicone Mold Release Spray (Cold)</i>			ALLIEDITEMNUMBER(S): 200-10010														
CHEMICAL NAME or PRODUCT TYPE: <i>Silicone Solution</i>																	
SECTION 2: COMPOSITION																	
Chemical Name	Common Name	REG (Y/N)	CAS#	OSHA PERMISSIVE EXPOSURE LIMIT	ACGIH TLV	CARCIN. (Y/N)											
<i>Light aliphatic solvent naphtha 60-100%</i>			64742-89-8	None	None	N											
<i>Dibutyl ether 10-30% 10-30%</i>			142-96-1	None	None	N											
<i>Synthetic isoparaffinic hydrocarbon 1-5%</i>			64741-66-8	None	None	N											
<i>Proprietary Resin Compound 1-5%</i>			N/A														
			<table border="1"> <thead> <tr> <th colspan="3">HMIS CODE:</th> </tr> <tr> <th>HEALTH</th> <th>FLAMMABILITY</th> <th>REACTIVITY</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3</td> <td>0</td> </tr> </tbody> </table>			HMIS CODE:			HEALTH	FLAMMABILITY	REACTIVITY	1	3	0			
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Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.																	
SECTION 3: PHYSICAL & CHEMICAL DATA																	
BOILINGPOINT: <i>Compressed Gas</i>		MELTINGPOINT: <i>NAIF</i>		SPECIFIC GRAVITY: <i>.74</i>													
VAPORPRESSURE: <i>1551-1809mmHg</i>		% VOLATILE by VOL/WGT: <i>N/A</i>		VAPOR DENSITY: <i>3.85</i>													
EVAPORATIONRATE: <i>.43</i>		SOLUBILITY in WATER: <i>Slight</i>		SOLUBILITY in ALCOHOL: <i>NAIF</i>													
SOLUBILITY in OTHER SOLVENT: <i>NAIF</i>			APPEARANCE and ODOR: <i>Aerosol, mild odor</i>														
SECTION 4: FIRE & EXPLOSION HAZARD DATA																	
FLASHPOINT: <i>Flammable</i>		METHODUSED: <i>ASTM D3065-72</i>		FLAMMABLE LIMITS: LEL: <i>NAIF</i> UEL: <i>NAIF</i>													
EXTINGUISHING MEDIA: <i>Water fog, foam, dry chemical or carbon dioxide</i>																	
SPECIAL FIRE FIGHTING PROCEDURES: <i>Self-contained breathing apparatus and full turn out gear.</i>																	
EXPLOSION POTENTIAL: <i>Containers exposed to fire should be cooled with water to prevent vapor pressure buildup which could result in rupture. Use water spray to disperse vapors from leaking containers.</i>																	
SECTION 5: HEALTH, FIRST AID, & MEDICAL DATA																	
ROUTE(S) of ENTRY	ACUTE and CHRONIC HEALTH EFFECTS			FIRST AID and MEDICAL INFORMATION													
INHALATION:	<i>May cause irritation to nose, throat and respiratory tract.</i>			<i>Remove to fresh air. If symptoms develop and persist get medical attention.</i>													
INGESTION:	<i>May be harmful if swallowed.</i>			<i>Do NOT induce vomiting - get medical attention</i>													
SKIN CONTACT/ABSORPTION:	<i>Prolonged contact can cause moderate irritation defatting or dermatitis.</i>			<i>Flush affected area with water immediately. Remove contaminated clothing. Wash skin w/soap & water.</i>													
EYE:	<i>May cause eye irritation</i>			<i>Flush with water for 15 minutes while holding eyelids open. Seek immediate medical attention.</i>													
OTHER POTENTIAL HEALTH RISK:	<i>NAIF</i>																
LEGEND:	<i>NAIF = No Applicable Information Found N/A = Not Applicable</i>			OFFICE CODE: <i>MSDS.P65: 30 & 31</i>													

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Silicone Mold Release Spray (Cold)

SECTION 6: CORROSIVITY & REACTIVITY DATA

STABILITY: UNSTABLE STABLE POLYMERIZATION: MAY OCCUR WILL NOT OCCUR

INCOMPATIBILITY (MATERIALS to AVOID):

Oxidizing agents

DECOMPOSITION PRODUCTS:

None known

CONDITIONS to be AVOIDED:

N/A

SECTION 7: STORAGE, HANDLING, & USAGE PROCEDURES

NORMAL STORAGE and HANDLING:

Keep containers tightly closed and sealed until ready to use. Store in cool, dry place. Keep well ventilated and away from incompatible material. Do not store near open flame, heat or other ignition sources. Do not store above 120°F.

NORMAL USE:

Keep away from heat, sparks, 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 containers may contain residue).

STEPS to be TAKEN in case of LEAKS or SPILLS:

Prevent additional discharge of material if possible. Immediately contact emergency personnel. Avoid breathing vapors and keep unnecessary personnel away. Ventilate area. ELIMINATE SOURCES OF IGNITION. Prevent liquid from entering sewers, watercourses or low areas. Contain spilled liquid with sand or other noncombustible material. Recover by pumping or with absorbant.

WASTE DISPOSAL METHOD:

Dispose of according to Federal, State and Local laws.

SECTION 8: PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): *Use NIOSH recommended respirators appropriate for airborne contaminants.*

{	LOCAL:	<i>As required</i>
	MECHANICAL (GENERAL):	<i>As required</i>
	OTHER:	<i>NAIF</i>

PROTECTIVE GLOVES: *chemical-resistant, impermeable gloves*

EYE PROTECTION: *Chemical splash proof goggles with side shields*

OTHER EQUIPMENT: *Use impervious clothing if necessary to avoid skin contact*

SECTION 9: SPECIAL PRECAUTIONS; EMERGENCY OVERVIEW; NOTES

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.

FORM PREPARED BY: *Kim Dermitt, July, 2002*

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