

Material Safety Data Sheet

High Performance Silicone Mold Release



Data Prepared: October 15th, 2014

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **High Performance Silicone Mold Release**

Provided by: **CLEARCO PRODUCTS CO. INC.,**
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SECTION 2 COMNPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS / COMPONENTS	CAS Number	ACGIH TLV	Exposure Limited OSHA PEL	Other
Halogenated Hydrocarbon/ Ether Blend	MIXTURE	None Established	None Established	Not Established
NJ Trade Secret Registry	#80100382- 5037P	None Established	None Established	Not Established

SECTION 3 HAZARDS IDENTIFICATION

HMIS

Health: 1 Flammability: 2 Reactivity: 1 Personal Protective Equipment: See Section 8

* See www.paint.org/hmis or call the NPCA at 1 (202) 462-6272 for more information on this current rating system.

POTENTIAL ACUTE (single or short term) HEALTH EFFECTS OF OVEREXPOSURE

Eye: May cause eye irritation. Symptoms may include stinging, tearing and redness.
Skin: Liquid may cause frostbite.
Ingestion: Ingestion is not considered a potential route of exposure. No evidence of harmful effects from available information.
Inhalation: Breathing small amounts during handling is not likely to cause harmful effects from available information. Inhalation of concentrations above the recommended limits may cause temporary central nervous system depression with anesthetic effects such as dizziness, headache, incoordination, and loss of consciousness. Exposure to high concentrations can cause irregular heartbeat, cardiac arrest and death.

POTENTIAL CHRONIC (repeated or long term) HEALTH EFFECTS OF OVEREXPOSURE

General Effects: Overexposure to vapor, dust or mist may aggravate existing respiratory conditions, such as asthma, bronchitis, and inflammatory or fibrotic respiratory disease.
Cancer Information: THIS PRODUCT CONTAINS NO COMPONENTS LISTED AS CARCINOGENIC BY IARC, NTP, OR OSHA (1910(Z))
Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:

Individuals with preexisting diseases of the central nervous or cardiovascular system may have increased susceptibility to the toxicity of excessive exposures.

SECTION 4 FIRST AID MEASURES

Eye: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Wash clothing before reuse. For liquid contact, treat for frostbite if necessary.

Ingestion: Ingestion is an unlikely route of exposure. Contact a physician, medical facility, or poison control center for advice on whether to induce vomiting. Never give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

NOTES TO PHYSICIAN:

Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support.

SECTION 5 FIRE FIGHTING MEASURES

Fire and Explosion Hazards: This product contains a component (s) that is considered extremely flammable gas(es), which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by head, pilot lights, or other flames and ignition sources at locations distant from the material's handling point. Containers may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see Sec.10).

Fire Fighting Instructions: Use CO2, foam or dry chemical. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area.

Aerosol Flame Projection Test: Non-flammable aerosol, as determined by ASTM D3065-94. However, this product contains components which may be ignited under certain circumstances. Do not use near ignition sources such as sparks or open flames.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Ventilate contaminated area. Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Avoid run-off into storm sewers and ditches which may lead to natural waterways. Clean up with absorbent material. Place absorbent materials into container and close tightly. Dispose of container properly. If runoff occurs, notify authorities as required.

SECTION 7 HANDLING, STORAGE AND DISPOSAL

Handling: Use with adequate ventilation. Do not use near ignition sources. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Normal precautions common to safe manufacturing practice should be following in handling and storage.

Storage: Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperatures above 120 degrees F. Empty container may contain residues which are hazardous. Store away from incompatible materials such as materials that support combustion (oxidizing materials) and corrosive materials (strong acids or bases). Store away from oxygen cylinders or other oxidizing materials and possible ignitions sources. Ground all equipment and cylinders before use.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated in "Section 2" of this MSDS. Local exhaust should be used in areas where exposure limits may be exceeded. Mechanical ventilation should be used in confined spaces and low areas

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Do not wear contact lenses. Have an eye wash station available.

Skin Protection: The use of chemically resistance gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Product Form:	aerosol can	Vapor Density:	(air = 1) 1.97
Appearance:	clear, colorless	Evaporation Rate:	0.1-0.5 (n-Butyl acetate=1)
Odor:	slight ethereal	Solubility in Water:	Negligible; 0-1%
Specific Gravity:	0.8 (H2O=1)	Boiling Point:	Not Applicable
Vapor Pressure:	78.00 PSIG @ 70°F	pH:	Not Applicable

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Avoid contact with: Alkali, alkaline earth metals. Powdered metals. Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Oxidizers. Acetic acid anhydrides.

Decomposition Products: This material can be decomposed by extremely high temperatures (open flames, flowing metal surfaces, etc.) forming hydrofluoric acid and carbonyl fluoride. If heated with peroxides present, violent decomposition can occur. Burning can product the following combustion products: Carbon dioxide and carbon monoxide.

SECTION 11 DISPOSAL CONSIDERATIONS

Disposal: Dispose according to Federal, State and local regulations.

SECTION 12 TRANSPORTATION INFORMATION

Agency	Proper Shipping name	UN Number	Hazard Class	Packing Group
DOT	Consumer Commodity	Not applicable	ORM-D	Not applicable
IATA	Consumer Commodity	Not applicable	9	Not applicable

SECTION 13 REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS#	% BY WEIGHT	Regulatory Body
No components listed in this section.			SARA Section 313

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

No components listed in this section.

Prop65 Cancer

Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

No components listed in this section.

Prop65 Birth Defects

All components of this product are listed on the TSCA inventory.

This information contained in this MSDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Clearco Products Co. Inc, it is the user's obligation to determine the conditions of safe use.