

PLASTIC PROCESS EQUIPMENT
8303 CORPORATE PARK DRIVE
MACEDONIA, OH 44056

MATERIAL SAFETY DATA SHEET
DATE: Apr 22, 2008

1) PRODUCT AND COMPANY IDENTIFICATION

Product: Non Flammable Silicone Spray

Product No.: NS-125

Product Type: Aerosol Mold Release

2) COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients:	CAS No.	%	OSHA PEL	ACGIH TLV
Trichloroethylene *	79-01-6	40-60%	50	50
1,1,1,2 Tetrafluoroethane	811-97-2	20-50%	NE	NE
Dymethyl Fluid	63148-62-9	1-10%	NE	NE

HMIS NFPA -30B Level 1

Health 2
Flammability 0
Ractivity 1
Protection Consult supervisor (see section 8)

* This component is subject to SARA 313 reporting.

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0 = No Hazard 4 = Highest Hazard

The HMIS system may not be adequate to convey the necessary hazard information associated with this product. HMIS ratings can be used only when specific training on the information contained in this MSDS is also provided.

3) HAZARDS IDENTIFICATIONS

Effects: Acute and Chronic

Primary Routes of Entry: Inhalation, skin and eye contact.

Signs and Symptoms of Over Exposure: Inhalation: Headache, dizziness, nausea, nose and throat irritation.
Eye contact: Irritation, tearing, redness.
Skin contact: Irritation, prolonged or repeated contact can cause or aggravate dermatitis or other skin conditions.
Ingestion: Irritation, nausea, vomiting, diarrhea.

Medical Conditions Aggravated by Exposure: Not determined; however, persons with chronic respiratory disease may show increased symptoms, preexisting dermatitis may also show increased symptoms.

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4) **FIRST AID PROCEDURES**

- Inhalation: Remove patient to fresh air. Keep patient warm and quiet.
Apply artificial respiration if breathing has stopped.
Get medical help at once !
- Eye contact: Flush thoroughly with water (for at least 15 minutes) lifting upper and lower lids occasionally.
Get medical attention!
- Skin contact: Do not apply directly to skin. If accidentally discharged onto skin, wash with soap and water. Launder contaminated clothing before reuse. If irritation develops and persists, seek medical attention.
- Ingestion: If ingested, **Get medical help at once !!**
This product can be aspirated into the lungs if vomiting occurs.
DO NOT INDUCE VOMITING unless instructed to do so by trained medical personnel.
An unlikely route of entry because of packaging system.

5) **FIRE FIGHTING INFORMATION**

- Flash Point: < 0 F based on propellant component.
< 0 F based on active/solvent mixture (excluding propellant).
- Explosive Limits: Not determined.
- Extinguishing Media: Carbon dioxide, foam, dry chemical. Water to cool exposed containers may be helpful.

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Special Firefighting Procedures:	Use equipment or shielding to protect personnel against bursting, rupturing or venting containers. At elevated temperatures aerosol containers may burst, rupture or vent (over 130 F).
Unusual Fire and Explosion Hazards:	Firefighters should wear approved self-contained, positive pressure breathing apparatus with full face piece and full protective gear.
Hazardous products of thermal decomposition:	Not determined; however, we would expect carbon dioxide, carbon monoxide, various incompletely burned hydrocarbon products.

6) **ACCIDENTIAL RELEASE INFORMATION**

Steps to be taken in case of release or spill:	Remove sources of ignition. Ventilate area. Contain spill. Gather spill on absorbent material and place into a chemical waste container for disposal. Use protective gear and equipment consistent with the situation.
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7) **STORAGE AND HANDLING INFORMATION**

Storage:	Store in a cool, dry area out of direct sunlight. Do not store near heat sources and sources of ignition such as sparks, flame and static electric discharge. Exposure to temperatures above 130 F may cause container to burst.
Handling:	Avoid eye contact, skin contact and breathing of vapors and spray mist. Use with adequate ventilation. Do not puncture or incinerate either full or empty container.

8) **EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Use all protective equipment as required by your company.

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- Eyes: Eye protection is always suggested. Goggles or safety glasses with side shields are suggested if contact is likely.
- Skin: Where prolonged or repeated contact with the spray mist or deposited product is likely the use of chemical resistant gloves (plastic, rubber, etc.) is indicated.
- Ventilation: Sufficient to maintain vapor concentration below the TLV of the product or its' components. **Do not use in closed or confined space.**
- Respiratory: Generally not required if sufficient ventilation is provided. If the PEL/TLV of the product or any of its' components is exceeded, the use of an approved organic vapor mask or other more protective equipment is required. To determine exposure levels, monitoring should be performed.
- See Section 2 for Exposure Limit Information.

9) **PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance: Clear Mist as spray from aerosol
Odor: Odor of chlorinated solvent
pH: N/A
Solubility in water: Slight
Specific gravity: >1
Vapor pressure (PSIG): 60 +/- 20
Vapor density (air = 1): >1
Evaporation rate: Faster
(Ether = 1)

10) **STABILITY AND REACTIVITY**

- Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: Strong oxidizers
Conditions to avoid: Do not use or store near fire, sparks or other sources of heat or ignition. Do not puncture, incinerate or expose to temperatures above 120F.

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11.) TOXICOLOGICAL INFORMATION

See Section 3.

12.) ECOLOGICAL INFORMATION

No data available.

13.) WASTE DISPOSAL

Recommended methods: Consult federal, state and local regulations. Do not puncture or incinerate containers. Contact a licensed disposal contractor equipped to safely dispose of empty, leaking or full pressurized containers.

14.) TRANSPORTATION INFORMATION

Proper Shipping Name:	Consumer Commodity
Hazard Class/Division:	ORM – D
Identification:	None
Packing Group:	None
Marine Pollutant:	

15) REGULATORY INFORMATION

Trichloroethylene 79-01-6

SARA 313

