



Factor II, Incorporated

The Art, Science and Technology of
Silicones and Prosthetics...

Safety Data Sheet

Product Code A-505

Revision Date: August 2011

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name Mold Release

Product Code A-505

Intended Use(s) : For professional use only

CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

Factor II, Incorporated
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928-537-8387
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EMERGENCY TELEPHONE NUMBERS

928- 368-7502

SECTION 2: HAZARD(S) INGREDIENTS/ IDENTITY IDENTIFICATION

INGREDIENT	PERCENT	OSHA PEL (8 hr TWA)
Dimethyl Ether	40% - 60%	1000 ppm
1, 1, 1, 2 Tetrafluoroethane	60% - 40%	1000 ppm
Aliphatic Hydrocarbon	4% - 10%	(TWA: 400 ppm, STEL: 500 ppm)

SECTION 3: PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance	Clear, colorless liquid - under pressure in cans
Boiling Point	N/A
Vapor Pressure (mm Hg.)	69 psig @70°F
Vapor Density (AIR = 1)	2.6
Specific Gravity (H2O = 1)	.989
Solubility in Water @70F	Partially soluble

SECTION 4: HEALTH HAZARD DATA

Routes of Entry: Skin Yes
 Inhalation Yes



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Ingestion Not likely

Potential acute health effects of overexposure

Eye	Eye contact with liquid or vapor may cause severe irritation, redness, tearing, blurred vision and possible freeze burns.
Skin	Skin contact with the liquid may cause freezing of the skin (frostbite) or irritation.
Ingestion	Ingestion not a likely route of entry
Inhalation	Overexposure by inhalation of concentrated vapors may cause respiratory irritation, nausea, headache and dizziness. Inhalation may produce anesthetic effects and feeling of euphoria. Prolonged overexposure can cause rapid breathing, headache, dizziness, narcosis, unconsciousness and death from asphyxiation, depending on concentration and time of exposure.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE

May increase susceptibility to toxicity of excessive exposures in persons with pre-existing diseases of the central nervous or cardiovascular systems.

SECTION 5: EMERGENCY AND FIRST AID PROCEDURES

EYES	Immediately rinse eyes with running water for 15 minutes. Irritation develops, get medical attention. Consult physician immediately if frostbite occurs.
SKIN	Wash affected area with soap and water. Remove and launder contaminated clothing before reuse. Treat as frostbite. If irritation develops or if there is evidence of tissue damage, get medical attention.
INHALATION	Remove to fresh air. If breathing has stopped, restore breathing at once. Administer oxygen and get immediate medical help
INGESTION	Ingestion is an unlikely route of exposure. Do not induce vomiting unless instructed to do so by a physician. Seek immediate medical attention.

SECTION 6: FIRE & EXPLOSION HAZARD DATA

Flash Point	N/A - Flash point not determined for mixture. Product is non-flammable per ASTM D 3065-01.
Extinguishing Media	Container may rupture or explode under fire conditions. Hazardous decomposition products may be formed (see reactivity data section.)



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Under fire conditions, empty containers retain product residue and can be dangerous.

Unusual Fire and Explosion Hazards

Use dry chemical, foam, or CO₂; water may be ineffective but should be used to keep exposed containers cool. Stop the release of materials if possible. Avoid accumulation of unburned materials. Remove personnel in general area.

Fire Fighting Procedures

Dry chemical extinguisher (B-C), Water may be ineffective but should be used to keep exposed containers cool. Stop the release of materials if possible. Avoid accumulation of unburned materials. Remove personnel in general area.

SECTION 7: REACTIVITY DATA

Stable	Yes
Conditions to Avoid	Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces.
Incompatibility (Materials to Avoid)	Powdered or alkaline earth metals.
Hazardous Combustion By-products	Fluorine compounds and HF
Hazardous Polymerization	Will not occur

SECTION 8: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is spilled or released

Avoid breathing vapors. Evacuate area until vapor has dispersed. Remove all sources of ignition. Stop or reduce discharge if it can be done safely.

Handling:

Minimize breathing of vapors and avoid prolonged or repeated contact with skin. Wear proper protective equipment. If ventilation is not sufficient, wear proper respiratory equipment. Do not use near ignition sources. Contents are under pressure. Do not puncture, incinerate, expose to open flame or temperature above 120°F. Keep out of direct sunlight. For industrial use only. Keep out of reach of children. Store in a well-ventilated place, Keep container tightly closed. Read label precautions. Do not remove or deface label.

Storage

Store in a cool, dry, well ventilated area away from all sources of ignition. Do not store at temperature above 120°F.



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Disposal

Empty fully and relieve pressure. Empty containers can be recycled. Dispose according to Local, State and Federal regulations.

Ventilation

Maintain adequate mechanical ventilation to keep employee exposure below manufacturer's recommended limits.

Skin protection

The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with the skin.

Eye protection

Proper eye protection should be worn in any type of industrial operation, such as splashproof faceshield or goggles.

SECTION 9: TRANSPORT INFORMATION

Transportation Information

DOT	Non-Bulk
Proper Shipping Name	Aerosols, 2.2, Ltd. Qty. UN Number:
UN Number	UN1950
Hazard Class	2.2

SECTION 10: OTHER INFORMATION

HMIS Hazard ID

Health	1
Flammability	2
Reactivity	1

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