



## Factor II, Incorporated

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

## Safety Data Sheet

Product Code: A-504-3

Revision Date: 2/8/2018

### SECTION 1: IDENTIFICATION

#### PRODUCT IDENTIFIER

Product Name Polyester Parfilm Paintable Mold Release

Product Code A-504-3

Intended Use(s) For professional use only

#### CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

Factor II, Incorporated  
5642 White Mountain Ave  
PO Box 1339  
Lakeside AZ 85929  
928-537-8387  
[www.factor2.com](http://www.factor2.com)  
[sales@factor2.com](mailto:sales@factor2.com)

#### EMERGENCY TELEPHONE NUMBERS

928- 368-7502

### SECTION 2: HAZARD IDENTIFICATION

Appearance Clear, colorless aerosol  
Physical State Aerosol  
Odor Slight ethereal

#### **Classification of substance or mixture**

Acute toxicity - Dermal	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 1B
Reproductive toxicity	Category 1B
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Gases Under Pressure	liquefied gas
Simple asphyxiants	Simple asphyxiants

#### **Label Elements – Pictograms, Signal Word, Hazard Statements, Precautionary Statements, & supplemental Information**





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### Signal word

Danger

### Hazard statements

Harmful in contact with skin  
Causes skin irritation  
Causes serious eye irritation  
May cause cancer  
May damage fertility or the unborn child  
May cause respiratory irritation. May cause drowsiness or dizziness  
May cause damage to organs through prolonged or repeated exposure.  
Contains gas under pressure; may explode if heated  
May displace oxygen and cause rapid suffocation

### Precautionary statements

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection  
Do not breathe dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area

### Response

If exposed or concerned: Get medical advice/attention

**IF IN EYES** Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

**IF ON SKIN** Wash with plenty of soap and water  
Take off contaminated clothing and wash it before reuse  
Call a poison center or doctor/physician if you feel unwell  
If skin irritation occurs: Get medical advice/attention

**IF INHALED** Remove victim to fresh air and keep at rest in a position comfortable for breathing

### Storage

Store locked up  
Store in a well-ventilated place. Keep container tightly closed  
Protect from sunlight  
Do not store at temperatures above 120°F.  
Disposal Disposal  
Dispose of contents/container to an approved waste disposal plant

**Other hazards** Harmful to aquatic life with long lasting effects



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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Name	Product Identifier CAS No	%
n-Propyl bromide	106-94-5	60-70 %
1,1,1,2-Tetrafluoroethane	811-97-2	30-40 %
Siloxanes and Silicones	68037-77-4	1-5 %

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. \*\*

### SECTION 4: FIRST AID MEASURES

#### First Aid Measures

##### Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

##### Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. If irritation persists or feeling unwell, obtain medical advice.

##### Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if you feel unwell.

##### Ingestion

Call a poison center or doctor/physician if you feel unwell. Rinse mouth.

##### Most important symptoms and effects

**Symptoms:** Irritation by inhalation. Irritation to skin and eyes. Overexposure by inhalation may cause CNS depression- drowsiness, dizziness, confusion or loss of coordination. "Frostbite-like" effects may occur if the liquid or escaping vapors contact the eyes or skin.

#### Indication of any immediate medical attention and special treatment needed

Notes to Physician: Treat symptomatically

### SECTION 5: FIRE FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable Extinguishing Media

Not determined.



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### Specific Hazards Arising from the Chemical

Contains gas under pressure; may explode if heated. Vapors confined in a poorly ventilated area may be ignited by a spark or flame. May displace oxygen and cause rapid suffocation.

### Sensitivity to Static Discharge

Flammable mixtures of this product are readily ignited even by static discharge.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. If container is not properly cooled, it can rupture in the heat of a fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

#### Personal Precautions

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to safe areas. In case of spill, evacuate the area and remove all ignition sources.

#### For Emergency Responders

Follow applicable OSHA regulations (29 CFR 1910.120).

#### Environmental Precautions

See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

#### Methods for Containment

absorbent material and collect in ventilated waste container for disposal.

#### Methods for Clean-Up

Use clean non-sparking tools to collect absorbed material. Sweep up absorbed material and shovel into suitable containers for disposal.

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

#### Advice on Safe Handling:

Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Use



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personal protection recommended in Section 8. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Pressurized container: Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapors/spray. Conditions for safe storage, including any incompatibilities

### Storage

Do not store at temperatures above 120°F. Keep away from incompatible materials, open flames, and high temperatures. Store locked up.

### Incompatible Materials

Strong oxidizing agents.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
n-Propyl bromide 106-94-5	TWA: 0.1 ppm	-	-

### Appropriate engineering controls

#### Engineering Controls

Maintain eye wash fountain and quick-drench facilities in work area.

### Individual protection measures, such as personal protective equipment

#### Eye/Face Protection

Avoid contact with eyes. Wear approved safety goggles.

#### Skin and Body Protection

Use solvent impermeable gloves to avoid contact with product.

#### Respiratory Protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### General Hygiene

Considerations Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (Based on typical material)

### Information on basic physical and chemical properties



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<b>Physical State</b>	<b>Aerosol</b>		
Appearance Clear,	colorless aerosol	Odor	Slight ethereal
Odor	Color Clear, colorless	Odor Threshold	Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks• Method</u>
pH	Not applicable	
Melting Point/Freezing Point	Not applicable	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not applicable	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	60.0 psig	@ 21°C (70°F)
Vapor Density	> 1.0	(Air=1)
Specific Gravity	1.24-1.35	
Water Solubility	Insoluble in water	(1=Water)
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

### SECTION 10: STABILITY AND REACTIVITY DATA

<b>Reactivity</b>	Not reactive under normal conditions.
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Keep away from heat, sparks and open flame. Contact with incompatible materials.
<b>Incompatible Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	May emit toxic fumes under fire conditions.



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## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Eye Contact</b>	Causes serious eye irritation. Contact with rapidly expanding gas may cause burns or frostbite.
<b>Skin Contact</b>	Causes skin irritation. Contact with the liquefied or pressurized gas may cause frostbite ("cold" burn). Harmful in contact with skin.
<b>Inhalation</b>	May displace oxygen and cause rapid suffocation. May cause drowsiness or dizziness. May cause respiratory irritation.
<b>Ingestion</b>	Ingestion may cause irritation to mucous membranes.

#### Component Information

Chemical Name	Oral LD50	Dermal D50	Inhalation LC50
n-Propyl bromide 106-94-5	= 3600 mg/kg ( Rat )	-	= 253 g/m3 ( Rat ) 30 min
1,1,1,2-Tetrafluoroethane 811-97-2	-	-	= 1500 g/m3 ( Rat ) 4 h
Siloxanes and Silicones 68037-77-4	= >15000 mg/kg (Rat)	-	-

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity** May cause cancer.

Chemical Name	ACGIH	IARC	NTP	OSHA
n-Propyl Bromide 106-94-5	A3		Reasonably Anticipated	X

### Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present



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<b>Reproductive toxicity</b>	May damage fertility or the unborn child.
<b>STOT - single exposure</b>	May cause respiratory irritation. May cause drowsiness or dizziness.
<b>STOT - repeated exposure</b>	May cause damage to organs through prolonged or repeated exposure.
<b>Numerical measures of toxicity</b>	Not determined

### SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

#### Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
n-Propyl bromide 106-94-5	67.3: 96 h Pimephales promelas mg/L LC50 flow- through			

**Persistence/Degradability** Not determined.

**Bioaccumulation** Not determined.

#### Mobility

Chemical Name	Partition Coefficient
n-Propyl bromide 106-94-5	2.1

**Other Adverse Effects** Not determined

### SECTION 13: DISPOSAL CONSIDERATIONS

#### Waste Treatment Methods

##### Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

##### Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations

### SECTION 14: TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.





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**DOT** Consumer Commodity, ORM-D  
 UN/ID No UN1950  
 Proper Shipping Name Aerosols, non-flammable, (each not exceeding 1 L capacity)  
 Hazard Class 2.2

**IATA**  
 UN/ID No UN1950  
 Proper Shipping Name Aerosols, non-flammable  
 Hazard Class 2.2

**IMDG**  
 UN/ID No UN1950  
 Proper Shipping Name Aerosols  
 Hazard Class 2.2

### SECTION 15: REGULATORY INFORMATION

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
n-Propyl bromide	Present	x	x	Present	x	Present	x	Present	x	x
1,1,1,2-Tetrafluoroethane	Present	x	x	Present	x	Present	x	Present	x	x
Siloxanes and Silicones	Present	x	x	x	x	x	x	Present	x	x

### International Inventories

#### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

### US Federal Regulations

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).



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### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### US State Regulations

#### California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
n-Propyl bromide - 106-94-5	Developmental Female Reproductive Male Reproductive

### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
n-Propyl bromide 106-94-5	x	x	x

### SECTION 16: OTHER INFORMATION

	Health Hazards	Flammability	Instability	Special Hazards
<b>NFPA</b>	Not determined	Not determined	Not determined	Not determined
<b>HMIS</b>	Not determined	Not determined	Not determined	Not determined

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