

MATERIAL SAFETY DATA SHEET (2-parts)

SECTION I – Product/Company Identification

1.1 Product Trade Name: Silfome PART - A
1.2 Part (Item) Number:
1.3 Division Name: ArtMolds
1.4 Address: 18 Bank Street
City State ZIP Summit NJ 07901
1.5 Emergency Telephone: 1-866-278-6653
1.6 Information Telephone: 1-908-273-5401
1.7 Date Prepared: 8/28/02 **Date Revised** 9/20/05

SECTION II – Hazardous Ingredients/Identity Information

<u>Hazardous Components</u>	<u>%</u>	<u>SHA PEL</u>	<u>ACGIH TLV</u>	<u>CAS Number</u>
Polydimethyl Siloxane Mixture	<50	NE	NE	63148607
Hydrophobic Silicon, Dioxide Amorphous	>40	NE	NE	112945525

SECTION III – Physical/Chemical Properties

3.1 Boiling Point: N/A
3.2 Vapor Pressure: 77 deg F: NEG
3.3 Vapor Density: (AIR=1) N/A
3.4 Solubility in water: N/A
3.5 Appearance and odor: Translucent and odorless paste
3.6 Specific Gravity: (H2O=1) 1.12
3.7 Melting point: N/A
3.8 Evaporation rate: (ETHYLETHER=1) NEG
3.9 Material V.O.C.: N/A 100% Solids

SECTION IV – Fire and Explosion Hazard Data

4.1 Flash Point (method used): UN#: NOS
4.2 Flammability (explosive limits): LEL: NE UEL: NE
4.3 Extinguishing media: Foam, dry chemical, or carbon dioxide.
4.4 Special fire fighting procedures: None required
4.5 Unusual fire and Explosion hazards: None

SECTION V – Reactivity Data

5.1 Stability: Unstable: Stable: X
5.2 Conditions to avoid: NE
5.3 Incompatibility (materials to avoid): None
5.4 Hazardous decomposition or byproducts: None
5.5 Hazardous polymerization: May Occur: May not occur: X
5.6 Conditions to avoid (polymerization) N/A

SECTION VI – Health Hazard Data

6.1 Primary routes(s) of entry: Inhalation?: Yes Skin?: Yes Ingestion?: Yes
6.2 Health Hazards (acute and chronic): Acute: N/A.
Chronic: N/A
6.4 Signs and symptoms of exposure: No significant effect.
6.5 Medical conditions generally

aggravated by exposure:

6.6 Emergency First aid procedures:

Eye Contact: May cause slight irritation. Ingestion: Induce vomiting and contact a physician or a poison control center.

Skin – remove liquid from skin with a towel or dry cloth and wash exposed area with detergent. Eyes – Immediately flush with water for at least 15 minutes.

Ingestion – Induce vomiting

SECTION VII – Precautions for Safe Handling

7.1 Steps to be taken in case material is released or spilled:

Contain the spill or leak, scrape up with cardboard or a rag and place in a container.

7.2 Waste Disposal methods:

Can be burned in accordance with regulations.

7.3 Precautions to be taken in handling and storage:

Keep container closed. Store in a cool place and keep away from heat or flame. Don't lay container on its side.

7.4 Other precaution:

Avoid prolonged contact with eyes and repeated contact with skin.

SECTION VII – Control Measure / Personal Protection

8.1 Respiratory protection:

Not required

8.2 Ventilation:

N/A

8.3 Protective gloves:

Plastic film or rubber gloves

8.4 Eye protection:

Safety glasses

8.5 Other protective clothing or equipment:

Eye wash equipment

8.6 Work/Hygienic practices:

N/A

NFPA – National Fire Protection Association
N/A – Not Applicable
N/E – Not Established

NFPA HAZARD CLASSIFICATIONS	
Health	0
Flammability	1
Reactivity	0
Special	

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SECTION II – Hazardous Ingredients/Identity Information

<u>Hazardous Components</u>	<u>%</u>	<u>SHA PEL</u>	<u>ACGIH TLV</u>	<u>CAS Number</u>
Metallic Complex	100%			

SECTION III – Physical/Chemical Properties

3.1 Boiling Point: 172 deg F	3.6 Specific Gravity: 1.05
3.2 Vapor Pressure: (mm Hg.)@ 50	3.7 Melting point: N/A
3.3 Vapor Density: (AIR=): 1.6	3.8 Evaporation rate: 1
3.4 Solubility in water: No	3.9 Material V.O.C.: Negligible
3.5 Appearance and odor: Slightly solvent odor, color red	

SECTION IV – Fire and Explosion Hazard Data

4.1 Flash Point (method used): 203 deg F UN# NOS
4.2 Flammability (explosive limits): LEL: 4.3 UEL: 1.9
4.3 Extinguishing media: Foam, dry chemical, or carbon dioxide.
4.4 Special fire fighting procedures: Use approved respirator and protective clothing. Flammable material due to solvents.
4.5 Unusual fire and Explosion hazards: Solvent vapors form explosive mixtures with air.

SECTION V – Reactivity Data

5.1 Stability: Unstable: Stable: X
5.2 Conditions to avoid: Temperatures over 200 deg F
5.3 Incompatibility (materials to avoid): None
5.4 Hazardous decomposition or byproducts: None
5.5 Hazardous polymerization: May Occur: May not occur: X
5.6 Conditions to avoid (polymerization) Heating

SECTION VI – Health Hazard Data

6.1 Primary routes(s) of entry: Inhalation?: Yes Skin?: Yes Ingestion?: Yes
6.2 Health Hazards (acute and chronic): Acute N/A.
 Chronic: N/A **6.3 Carcinogenicity:** NTP?: NE IARC monographs:
 NE OSHA Regulated?: NE
6.4 Signs and symptoms of exposure: Inhalation may cause dizziness, headache, and nausea.
6.5 Medical conditions generally aggravated by exposure: N/A
6.6 Emergency First aid procedures: Eyes: Immediately flush with water for at least 15 minutes, call physician. Skin: Remove from skin with a dry cloth- then wash with detergent.

SECTION VII – Precautions for Safe Handling

- 7.1 Steps to be taken in case material is released or spilled:** Shut off ignition sources; wear appropriate protective equipment. Collect spill on absorbent material.
- 7.2 Waste Disposal methods:** N/A
- 7.3 Precautions to be taken in handling and storage** Keep container closed. Store in a cool place.
- 7.4 Other precaution:** Wash thoroughly after handling. Keep away from sparks, flame, and heat. Use only with adequate ventilation.

SECTION VII – Control Measure / Personal Protection

- 8.1 Respiratory protection:** Approved respirator.
- 8.2 Ventilation:** Local Exhaust: Required
- 8.3 Protective gloves:** Rubber Gloves
- 8.4 Eye protection:** Splash proof goggles
- 8.5 Other protective clothing or equipment:** Safety shower and eye wash equipment.
- 8.6 Work/Hygienic practices:** N/A

NFPA – National Fire Protection Association
N/A – Not Applicable
N/E – Not Established

NFPA HAZARD CLASSIFICATIONS	
Health	
Flammability	
Reactivity	
Specific Hazard	

ARTMOLDS 9-20-05
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