

## 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**

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**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**

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**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	

## MATERIAL SAFETY DATA SHEET (2-parts)

### SECTION I – Product/Company Identification

**1.1 Product Trade Name:** Silfome PART - B  
**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>
Metallic Complex	100%			

### SECTION III – Physical/Chemical Properties

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

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- 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**

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- 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

<b>NFPA HAZARD CLASSIFICATIONS</b>	
Health	
Flammability	
Reactivity	
Specific Hazard	

**ARTMOLDS 9-20-05**  
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