

Material Safety Data Sheet

Date last revised _____

I. General Information

Chemical Name & Synonyms	Polymer Gel	Trade Name & Synonyms	Tri Block
Chemical Family		Formula	
Proper DOT Shipping Name		DOT Hazard Classification	
Manufacturer	Silpos	Manufacturer's Phone Number	212-687-3260
Manufacturer's Address	366 Madison Avenue, #1616 New York, New York 10017	Chemtrac Phone Number	

II. Ingredients

Principal Hazardous Components	Percent	Threshold Limit Value (units)
Mineral Oil <u>MIST</u>	<= 86%	5 MG/M3 (8 hrs.)

III. Physical Data

Boiling Point (°F)	N/A	Specific Gravity (H ₂ O = 1)	.98
Vapor Pressure (mm Hg.)	MMHG @ N.O.	Percent Volatile By Volume (%)	N/A
Vapor Density (Air = 1)	1 N.D.	Evaporation Rate (_____ = 1)	N/A
Solubility in Water	< 1%	Reactivity/Heat in Water	- High

IV. Fire & Explosion Hazard Data Appearance & Odor

Flash Point (Test Method)	410 degrees F	Auto Ignition Temperature	420 degrees
Flash Extension	N.D.	LEL	UEL
Flammable Limits In Air By Volume	N.D.		
Extinguishing Media	CO ₂ Foam		
Special Fire Fighting Procedures	Use Proper Protective Gear with Breathing Apparatus. For Confined Areas.		
Unusual Fire & Explosion Hazards	NONE KNOWN		

V. Health Hazard Data

OSHA Permissible Exposure Limit
NO

ACGIH Threshold Limit Value Not Established for
Mixture

Carcinogen - NPT Program

Symptoms of Exposure 1. Acute-no significant adverse effects
2. Chronic- no significant adverse effects

Medical Conditions Generally Aggravated By Exposure None expected. Preexisting eye, skin, and respiratory disorder may be aggravated to molten products.

Primary Route(s) of Entry

Emergency First Aid 1. Inhalation : Remove to fresh air
2. Eyes: flush with clean water. "If molten material" get immediate attention
3. Skin: "If molten material" will treat as burn. Call physician
4. Ingestion: do not induce vomiting. Call physician immediately.

VI. Reactivity Data

Stability	STABLE	Conditions to Avoid
Incompatibility		Materials To Avoid - Water when material is molten. Avoid strong oxidizing Agents.
Hazardous Polymerization	May Occur Will Not Occur	Conditions to Avoid
Hazardous Decomposition		Products - See special precautions

VII. Environmental Protection Procedures

Spill Response

Waste Disposal Method

VIII. Special Protection Procedures

Eye Protection Goggles/Sheild

Skin Protection

Respiratory Protection NO

Ventilation Recommended - YES

Other Protection - Heat Resistant Gloves

ventilation Mechanical - Good Ventilation to limit "Oil Mist", Special: No.

IX. Special Precautions and Spill/Leak Procedures

Hygienic Practices In Handling & Storage Do not pour cold water in molten tank to cool coating items. KEEP OUT OF REACH OF CHILDREN.

If Material Is Spilled/Released - Allow to cool. Clean with mild detergent. Let dry. Return clean material to operation.

Waste Disposal - In accordance with Local, State, Federal Regulations.

Special Precautions:

At processing temperatures, some degree of thermal degradation will occur. Although highly dependent on temperature and environmental conditions. A variety of decomposition products may be present ranging from simple hydrocarbons (such as methane and propane) to toxic/irritating gases (such as carbon monoxide & dioxide, Acrolein, acids ketones, aldehydes) In processing, do not allow the temperature to exceed 550° F. Maintain a fire watch if 550° F is reached.

Avoid vapors from heated products. Adequate ventilation and/or engineering controls must be employed in high temperature processing to prevent exposure to potentially toxic/irritating fumes.