

JAN 17 2001

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File

MATERIAL SAFETY DATA SHEET

Effective Date: 7-7-95

Revision Date: none

Fiberglass Jelly

Code: USC

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Part Number(s): 765-1240, 765-1241, 765-1242

Section 1 - Product and Company Identification

PRODUCT NAME: Fiberglass Jelly

MANUFACTURER'S NAME:
U.S. Chemical & Plastic, Inc.
600 Nova Drive SE
Massillon, OH 44646

EMERGENCY TELEPHONE NUMBER
(800)424-9300

MISCELLANEOUS INFORMATION
(216)830-6000

Section 2 - Hazardous Ingredients

INGREDIENTS	%	CAS#	TLV/PEL
Styrene	20-30%	100-42-5	ACGIH: TLV 50ppm STEL 100ppm OSHA: PEL 100 ppm CPEL 100 ppm (See Health Hazard Info)
Caster Oil Derivative	1-3%	8001-78-3	OSHA: PEL 15 mg/m3
Amorphous Silicon Dioxide	1-5%	63231-67-4	ACGIH: TWA 15 mg/m3 OSHA: PEL 20 mppcf
Talc	20-30%	14807-96-6	ACGIH: TWA 2 mg/m3 OSHA TLV 20 mppcf

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Section 3 - Hazards Identification

OVEREXPOSURE EFFECTS:

ACUTE EFFECTS:

- EYES - Contact with eyes can cause irritation, redness, tearing, blurred vision, and/or swelling
- SKIN - Contact with skin can cause irritation, (minor itching, burning and/or redness), Dermatitis, defatting may be readily absorbed through the skin.
- INHALATION - Inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and/or asphyxiation. Aspiration of material into lungs may result in chemical pneumonitis which can be fatal.
- INGESTION - Ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

CHRONIC EFFECTS:

Overexposure to this material has apparently been known to cause the following effects in lab animals: eye, skin, lung and central nervous system damage.

CARCINOGENIC: No; TERATOGEN: No; MUTAGEN: No

Styrene is listed by IARC to be a possible carcinogen. Styrene studies have shown that Styrene causes cancer in certain laboratory animals. However, there is insufficient evidence to conclude that Styrene is a human carcinogen.

PRIMARY ROUTES OF EXPOSURE: Skin, inhalation, eyes

Section 4 - First Aid Measures

FIRST AID:

- INHALATION - If inhaled, remove victim from exposure to well ventilated area. Make him/her comfortably warm, but not hot. Use oxygen or artificial respiration as required. Consult a physician.
- SKIN - For skin contact, wash promptly with soap and excess water.
- EYES - For eye contact, flush promptly with excess water for at least fifteen minutes. Consult a physician.
- INGESTION - If ingested, do not induce vomiting. Give victim a glass of water. Call a physician immediately.

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Section 5 - Firefighting Measures

FLASHPOINT AND METHOD USED.....87F/30.6C Seta Flash Closed Cup

FLAMMABILITY

LEL.....N/E

UEL.....N/E

FIRE EXTINGUISHING MEDIA.....Carbon dioxide, dry chemical, foam.

SPECIAL FIRE FIGHTING PROCEDURE....Fight like a fuel oil fire. Cool fire exposed containers with water spray. Fire fighter should wear OSHA/NIOSH approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD..Closed containers exosed to high temperatures, such as fire conditions may rupture.

Section 6 - Environmental Release Measures

SPILL, LEAK OR RELEASE: Ventilated area. Remove all possible sources of ignition. Avoid prolonged breathing of vapors. Contain spill with inert absorbent.

Section 7 - Handling and Storage

STORAGE AND HANDLING: Use with adequate ventilation. Avoid contact with eyes and skin. Avoid breathing vapors. Do not store the product above 100F/38C. Do not flame, cut, braze weld or melt empty containers. Keep the product away from heat, open flame, and other sources of ignition. Avoid contact with strong acids, alkalies and oxidizers.

Section 8 - Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: If component TLV limits are exceeded, use NISOH/MSHA approved respirator to remove vapors. Use an air supplied resiprator if necessary.

VENTILATION: Use adequate ventilation in volume and pattern to keep TLV/PEL below recommended levels. Explosion-proof ventilation may be necessary.

PROTECTIVE GLOVES: To prevent prolonged exposure, use rubber gloves, solvents may be absorbed through the skin.

EYE PROTECTION: Safety Glasses or goggles with splash guards or side shields.

OTHER PROTECTIVE EQUIPMENT: Wear protective clothing as required to prevent skin contact.

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Section 9 - Physical and Chemical Properties

APPEARANCE.....Reddish, smooth paste
 SPECIFIC GRAVITY.....1.30
 VAPOR PRESSURE.....N/Av
 BOILING POINT.....N/Av
 MELTING POINT.....N/Av
 VAPOR DENSITY (AIR=1).....Heavier than air
 EVAPORATION RATE.....(Ethyl Ether=1) Slower than Ethyl Ether
 VOLATILE BY VOLUME.....20-30%
 SOLUBILITY IN WATER.....None
 VOC.....297 Grams/Liter
 Loss upon cure: 1.0 g/l

Section 10 - Stability and Reactivity

STABILITY: Stable
 CONDITION TO AVOID: Open flames, sparks, heat, electrical and static discharge.
 INCOMPATIBILITY MATERIALS TO AVOID: Strong acids, alkalies, oxidizers and/or amines.
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide and carbon and acrid fumes.
 HAZARDOUS POLYMERIZATION: May occur.

Section 11 - Toxicological Information

CALIFORNIA PROPOSITION 65: Trace amounts of some chemical known to the State of California to cause cancer, birth defects or other reproductive harm may be present in this product.

SECTION 313

SUPPLIER NOTIFICATION:

This product contains the following toxic chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

CHEMICAL NAME	CAS #	PERCENT BY WGT
Styrene	100-42-5	20-30%

This information must be included in all MSDSs that are copied and distributed for this chemical

DO NOT FLAME CUT, WELD OR MELT EMPTY CONTAINERS!

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Section 12 - Ecological Information

Not available.

Section 13 - Disposal Considerations

WASTE DISPOSAL: Dispose of in accordance with local, state, and federal regulations.

MARINE POLLITANT: Contains ten percent or more of a marine pollutant.

Section 14 - Transport Information

SHIPPING INFORMATION: Please comply with DOT regulation in USA

HMIS RATING: Health : 2
Fire : 3
Reactivity: 2
Personal Protection - See Section 8.

4=Extreme; 3=High; 2=Moderate; 1=Slight; 0=Insignificant

Section 15 - Regulatory Information

Not available.