

U S Chemical & Plastics  
 Alco Industries Companies  
 600 Nova Drive SE  
 Massillon, OH 44646  
 PH 330-830-6000 - FAX 330-830-6005

For Chemical Emergency

CHEMTREC: 1-800-424-9300  
 CANUTEC: 1-613-996-6666  
 (For Canada call collect)

DURAGLAS  
 (24059), 24030, 24035, 24036  
 Polyester Paste Filler  
 3214.10.0000-4

Styrene	15-20%	100-42-5	ACGIH TLV 50 ppm STEL 100 ppm OSHA PEL 100 ppm CPEL 200 ppm (See Health Hazard Info)
Non-Fibrous Talc	40-50%	14807-96-6	ACGIH TWA 2 mg/m <sup>3</sup> OSHA TLV 20 mppcf
Castor Oil Derivative	1-5 %	8001-78-3	OSHA PEL 15 mg/m <sup>3</sup>
Fiberglass (Milled)	0-5 %	65997-17-3	ACGIH PEL 15 mg/m <sup>3</sup>
Calcium Metasilicate	5-15%	13983-17-0	ACGIH PEL 15 mg/m <sup>3</sup>
Calcium Carbonate	5-15%	1317-65-3 471-34-1	ACGIH TWA 10 mg/m <sup>3</sup>

: Green Paste, fibrous texture  
 : 1.65  
 : N/Av  
 : N/Av  
 Heavier than air  
 : Slower than Ethyl Ether  
 : 13-20%  
 : Not Soluble  
 Grams/Liter = less exempts 242  
 loss upon curing approx 2.0 g/l

89°F/ 31.7°C Seta Flash Closed cup

N/E

N/E

Carbon Dioxide, Dry Chemical, Foam

Fight like a fuel oil fire. Cool fire exposed containers with water spray. Firefighter should wear OSHA/NIOSH approved self-contained breathing apparatus.

Closed containers exposed to high temperatures, such as fire conditions may rupture.

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**OVEREXPOSURE EFFECTS:**

\_\_\_\_\_ Contact with eyes can cause irritation, redness, tearing, blurred vision, and/or swelling.

\_\_\_\_\_ Contact with skin can cause irritation, (minor itching, burning and/or redness), Dermatitis, defatting may be readily absorbed thru the skin.

\_\_\_\_\_ 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 can cause gastrointestinal irritation, nausea, vomiting, diarrhea.

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

: YES \_\_\_\_\_ NO  X   
YES \_\_\_\_\_ NO  X   
YES \_\_\_\_\_ NO  X

**STYRENE CARCINOGENICITY**

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.

skin, inhalation, eyes

If inhaled, remove victim from exposure to a well-ventilated area. Make them comfortably warm, but not hot. Use oxygen or artificial respiration as required. Consult a physician.

For skin contact, wash promptly with soap and excess water.

For eye contact, flush promptly with excess water for at least fifteen minutes. Consult a physician.

If ingested, do not induce vomiting. Give victim a glass of water. Call a physician immediately.

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: Stable

- : Open flames, sparks, heat, electrical and static discharge.
  - : Strong acids, alkalis, oxidizers.
  - : Carbon Dioxide, Carbon Monoxide and Carbon.
  - : Will not occur.
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: Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapor. Contain spill with inert absorbent.

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

MARINE POLLUTANT: Contains ten percent or more of a marine pollutant

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: If component TLV limits are exceeded, use NIOSH/MSHA approved respirator to remove vapors. Use an air-supplied respirator if necessary.

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

: To prevent prolonged exposure use rubber gloves; solvents may be absorbed through the skin

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

: Wear protective clothing as required to prevent skin contact.

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: 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, alkalis and oxidizers.

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SHIPPING INFORMATION: Please comply with DOT regulations in USA

HMIS RATING:

Health	2	4 = Extreme
Fire	3	3 = High
Reactivity	1	2 = Moderate
		1 = Slight
		0 = Insignificant

Personal Protection - See Section VIII

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

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:

<u>CHEMICAL NAME</u>	<u>CAS</u>	<u>% BY WGT</u>
Styrene	100-42-5	15-20%

THIS INFORMATION MUST BE INCLUDED IN ALL MSDS's THAT ARE COPIED AND DISTRIBUTED FOR THIS CHEMICAL

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ABBREVIATIONS

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IARC = International Agency for Research on Cancer  
ACGIH = American Conference of Governmental Industrial Hygienists  
NIOSH = National Institute of Occupational Safety and Health  
TLV = Threshold Limit Value  
PEL = Permissible Emission Level  
DOT = Department of Transportation  
NTP = National Toxicology Program  
N/AV = Not Available  
N/AP = Not Applicable  
N/E = Not Established  
N/D = Not Determined

PREPARED BY:

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REVISION: Format

The information in the Material Safety Data Sheet has been compiled from our experience and from data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of the safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The user has the responsibility to contact the Company to make sure that the MSDS is the latest one issued.