

The Clausen Company
PO Drawer 140
Fords, NJ 08863
732-738-1165

Material Safety Data Sheet

July 6, 2006
Z-Glas

SECTION I- PRODUCT IDENTIFICATION

Synonyms: None
Hazard Class: Flammable liquid

Chemical Class: Polyester Resin
Emergency Contact: 1-800-424-9300

Section II- HAZARDOUS COMPONENTS

Ingredient	CAS #	Percent	OSHA PEL
Styrene	100-42-5	16.0%	50 ppm, TWA-8; 100 ppm, 15-min STEL
Talc	14807-96-6	51.4%	2 mg/cu M, TWA-8

SECTION III- PHYSICAL DATA

Properties

Boiling Point: Not determined
Vapor Pressure: Not determined
Vapor Density: 3.6 times heavier than air
Specific Gravity: 1.7 g/mL @ 25 Deg. C.

Solubility in Water: Insoluble
Appearance: Light-green paste
Odor: Characteristic solvent odor
Evaporation Rate: Slower than ether

SECTION IV- FIRE & EXPLOSION DATA

EXTINGUISHING MEDIA: Carbon dioxide, foam, water fog or dry chemical

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and various hydrocarbons may form

SPECIAL FIREFIGHTING PROCEDURES: Use SCBA in Pressure-Demand or Positive Pressure mode. Styrene vapors are heavier than air and may travel some distance from their source before igniting. Do not use welding/cutting equipment or other ignition sources on or near drums of product

UNUSUAL FIRE/EXPLOSION HAZARDS: None known

FLASH POINT: 84 Deg. F.

FLAMMABLE LIMITS: 1.1%-6.1% in air

SECTION V- REACTIVITY DATA

HAZARDOUS POLYMERIZATION:	MAY OCCUR
STABILITY:	UNSTABLE
INCOMPATIBILITIES:	Strong acids and alkalies; oxidizing agents
CONDITIONS TO AVOID:	Exposure to excessive heat, open flames or sparks; storage for more than 30 days

SECTION VI- HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

May be absorbed through the skin. Contact with eyes or other mucous membranes may cause irritation or burns. Inhalation may cause nausea, dizziness, loss of coordination, headache, weakness, fatigue or unconsciousness. Excessive skin contact may lead to rashes or infection by defatting the skin. Prolonged exposure to high concentrations of vapor may lead to nerve, lung, kidney and/or liver damage.

No evidence of carcinogenicity has been shown.

CONDITIONS AGGRAVATED BY EXPOSURE

Asthma, Respiratory insufficiency.

SECTION VII- SPILL & LEAK PROCEDURES

SMALL SPILLS/LEAKS:	Collect spills with absorbent material such as paper, vermiculite or Speedy-Dri®, and place in lab hood or remove to open air.
LARGE SPILLS/LEAKS:	Stop source of leak at its source. Remove all sources of ignition. Contain spilled material to prevent spreading. Transfer spilled material to salvage container. Remove residual as above. Use protective equipment and ventilate area.
DISPOSAL:	Collected material must be disposed of in accordance with existing local, state, and federal regulations, including SARA III provisions for hazardous waste reporting.

The Clausen Company
PO Drawer 140
Fords, NJ 08863
732-738-1165

Material Safety Data Sheet

Page 3
Z-Glas
July 6, 2006

SECTION VIII- PERSONAL PROTECTIVE EQUIPMENT

Neoprene or nitrile rubber gloves and apron, chemical splash goggles and proper half-face respirators if the ambient styrene levels exceed the OSHA PEL. NOTE: The use of respirators requires a Respirator Training Program for users. Full-length shirt and trousers must be worn.

SECTION IX- EMERGENCY FIRST AID PROCEDURES

Wash exposed skin thoroughly with soap and water. Remove and launder contaminated clothing. For eye contact, flush completely with tepid water, lifting upper and lower lids. A physician must examine affected eyes. If swallowed, DO NOT INDUCE VOMITING. Keep the person warm and calm. Get medical attention promptly. For inhalation, remove the person to fresh air. If breathing is labored, administer oxygen. If breathing has stopped, use artificial respiration. Keep the person warm and quiet, and get medical attention.

SECTION X- OTHER INFORMATION

Styrene is subject to the reporting requirements of SARA III, Section 313.

Prepared by: Shotwell Associates. TELE. 908-850-1796

This information is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of the Clausen Company's knowledge, or obtained from sources believed by the Clausen Company to be accurate. The Clausen Company does not assume any legal responsibility for use or reliance upon same. Customers are encouraged to conduct their own tests. Before using any product, read the label carefully.