EZ Cast

MATERIAL SAFETY DATA SHEET

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MSDS File ID:	MSDSLET0
Customer No:	4872575000
Warehouse No:	0048

This MSDS complies with 29 CFR 1910.1200 (Hazard Communication).

SECTION I - PRODUCT IDENTIFICATION

Product Name:	SIL95BA-40 CLEAR CASTING RESIN
General or Generic ID:	Unsaturated Polyester Resin
Hazard Classification:	Flammable Liquid
Shipping Name:	Resin Solution (Styrene Monomer), 3, UN1866, PG III, Marine Pollutant

SECTION II - HAZARDOUS COMPONENTS

INGREDIENT	CAS NO.	PERCENT	OSHA-PEL	ACGIH-TL	NOTE
Unsaturated Polyester Base Resin	See Index	62-64	None-Estb.	None-Est	
Styrene	100-42-5	36-38	50 ppm TWA	50 ppm	(1)

1) OSHA has formally endorsed a styrene industry proposal for a voluntary 50 ppm PEL for workplace exposure to styrene. This proposal was agreed upon by representatives of the UPR industry. The OSHA STEL is 100 ppm. The ACGIH recently changed the TLV for styrene from 50 ppm to 20 ppm, and the STEL from 100 ppm to 40 ppm.

SECTION III - PHYSICAL DATA

PROPERTY		MEASUREMENT
Initial Boiling Point	For Styrene	293.40 Deg F (145.22 Deg C) @ 760.00 mm Hg
Vapor Pressure	For Styrene	4.3 mm Hg 38 Deg F (20 Deg C)
Specific Gravity		1.0 -1.2 @ 77 Deg F (25 Deg C)
Vapor Density	Air = 1	3.6
Evaporation Rate		Slower than Ether

SECTION VI - REACTIVITY DATA

Hazardous Polymerization:	Possible
Stability:	Stable
Incompatibility:	Avoid contact with strong alkalies, strong mineral acids, and oxidizing agents.
Conditions to Avoid:	Exposure to excessive heat or open flame, storage in open containers, prolonged storage (6 months), storage above 100 Deg F (38 Deg C), and contamination with oxidizing agents.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, low molecular weight hydrocarbons, and organic acids.

SECTION VII - SPILL OR LEAK PROCEDURES

Eliminate all ignition sources (flares, flames (including pilot lights), and electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, shovel or pump to tank or drums. Remaining liquid may be absorbed in sand, clay, earth, or other absorbent material and shoveled into containers.

SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED

Respiratory Protection:	If PEL of the product or any component is exceeded, an NIOSH/MSHA approved respirator is advised in absence of proper engineering control (see your safety equipment supplier). Engineering or administrative controls should be implemented to reduce exposure.
Ventilation:	Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).
Protective Gloves:	Wear chemical resistant gloves that afford proper protection to the hands, such barrier creams maybe used in some environments as long as proper skin protection is afforded.
Eye Protection:	Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. (Consult your safety equipment supplier.)
Other Protective Equipment:	Work clothing that covers arms and legs.