MATERIAL SAFETY DATA SHEET
COATINGS, RESINS, AND RELATED MATERIALS

MANUFACTURED BY:

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DATE OF PREP: 05/04/04 SUPERSEDES DATE: 1/21/02.

SECTION I. PRODUCT IDENTIFICATION

PRODUCT CODE: 2010C, 2010C-flex
PRODUCT NAME: SUNFLASH RESIN TYPE LIGHT CURE

SHIPPING DESCRIPTION:
RESIN SOLUTION, 3, UN 1866, PG III
MARINE POLLUTANT, CONTAINS: STYRENE

SECTION II. HAZARDOUS INGREDIENTS

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM
HEALTH: 2 * FLAMMABILITY: 3
REACTIVITY: 1

INGREDIENT CAS NO.	WT. PERCENT	TLV ppm	TLV mg/m3	TLV ppm	SOURCE	IDLH	VAPOR PRESSURE (mm Hg. @68F)	LEL
STYRENE 100-42-5	39.1							
		50.000	215.00	TWA/ACGIH	700	4.30	1.10	
		100.0000	425.00	FEDERAL PEL				
		100.0000	425.00	STEL/ACGTH				

SECTION III. PHYSICAL DATA

BOILING RANGE: 212-295 F PERCENT VOLATILE BY VOL: 41.24
SPECIFIC GRAVITY 1.068 EVAPORATION RATE (n-Bu Ac=1) : N/E
VAPOR DENSITY (AIR=1) : N/E VAPOR PRESSURE (mm Hg@68F) : N/B
VOLATILE ORGANIC CONTENT (VOC) : N/A
APPEARANCE AND ODOR: light straw colored solution - styrene odor
SOLUBILITY IN WATER: negligible

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 94 DEG. F SETAFLASH OSHA CLASSIFICATION: IC
FLAMMABLE LIMITS %. BY VOLUME IN AIR AT 212 DEG. F:
LOWER EXPLOSION LIMIT: 1.10
UPPER EXPLOSION LIMIT: 6.10

EXTINGUISHING MEDIA:
Use foam, carbon dioxide or chemical fire fighting apparatus.

SECTION IV. FIRE AND EXPLOSION HAZARD DATA 2010C, 2010C-flex (CONT.)

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat.

SPECIAL FIRE FIGHTING PROCEDURES

The use of self-contained breathing apparatus is recommended for fire fighters. Water spray may be used for cooling containers to prevent possible pressure build-up and auto-ignition or explosion when exposed to extreme heat. Avoid spreading burning liquid with water used for cooling.

SECTION V. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE:

See Section II

EFFECTS OF OVEREXPOSURE:

EYE CONTACT:

Can cause severe injury - damage reversible.

SKIN CONTACT:

Prolonged or repeated exposure can cause moderate irritation, defatting and dermatitis.

Note: The polymer present in this product contains acrylate or methacrylate functionality. Acrylates and methacrylates are known to causa sensitization and are slightly toxic to animals by absorption.

INHALATION:

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache. High concentrations may result in narcosis. (Central Nervous system depression)

INGESTION:

Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

CARCINOGENICITY:

Based on a re-evaluation of the previous negative and equivocal data and an increased incidence of lung tumors after oral administration in young adult mice, the International Agency for Research on Cancer (TARO) has listed styrene among those materials for which there is limited carcinogenicity in animals (Group-2B)

Chronic exposure may cause damage to the Central Nervous System, Respiratory System, Lungs, Eyes, Skin, Gastrointestinal Tract, Liver, Spleen and Kidneys.

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT:

Flush with clean, lukewarm water for at least 15 minutes, occasionally lifting the eyelids. Contact physician immediately.

SKIN CONTACT:

Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water. If irritation persists, obtain medical attention. Wash contaminated clothing thoroughly before re-use. Discard contaminated shoes.

INHALATION:

Remove to fresh air. Apply artificial respiration or administer oxygen, if necessary. Call a physician immediately.

INGESTION:

Keep person warm and quiet. Get immediate medical attention.

Do not induce vomiting, because aspiration of material into the lungs from vomiting can cause chemical pneumonitis which can be fatal.

SECTION VIII. SPECIAL PROTECTION INFORMATION 2010C, 2010C-flex (CONT.)

PROTECTIVE GLOVES:

Chemical resistant and impervious gloves. Polyvinyl alcohol type recommended.

EYE PROTECTION:

Safety glasses with slide shields.

OTHER PROTECTIVE EQUIPMENT:

Chemical resistant apron polyvinyl alcohol type recommended. Eye bath and safety shower. To prevent repeated or prolonged skin contactr wear impervious clothing and boots.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: See first page of MSDS

SECTION IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Drums: Protect against physical damage. Outside or detached storage preferred.
Bulk: Storage should be in standard flammable liquid storage tanks.

OTHER PRECAUTIONS:

All equipment should be grounded and bonded~to reduce static electricity hazard. Use non-sparking tools.

Overexposure to this material has apparently been found to cause the following effects in laboratory animals: liver abnormalities, kidney damage, lung damage.

ADDITIONAL COMMENTS

We recommend that containers be either professionally reconditioned for reuse by certified firms or properly disposed of by certified firms to help reduce the possibility of an accident. Disposal of containers should be in accordance with applicable federal, state and local laws and regulations. "Empty" drums should not be given to individuals.

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ENVIRONMENTAL DATA SHEET

***** MUST NOT BE DETACHED FROM MATERIAL SAFETY DATA SHEET *****

***** IF THIS MSDS IS COPIED AND REDISTRIBUTED, THIS NOTICE MUST BE ATTACHED *****

MANUFACTURED BY: Steve Meade Designs, Inc. DATE OF LAST CHANGE: 2004/05/04
2160 Bell Ave Suite C Sacramento, CA 95838

PRODUCT NAME: 2010C, 2010C-flex SUNFLASH LIGHT CURE RESIN
PRODUCT CLASS: POLYESTER RESIN TYPE LIGHT CURE

SECTION I. PRODUCT IDENTIFICATION/COMPOSITION

PROD	COMPONENT	CAS NUMBER	PERCENT
P	VE RESIN TYPE LIGHT CURE MIXTURE		100
---TYPICAL DISTRIBUTION OF HAZARDOUS COMPONENTS-- --			
1	STYRENE	100-42-5	39.1

SECTION II. SARA TITLE III INFORMATION

PROD	EHS RQ (LBS) (*1)	EHS TPQ (LBS) (*2)	SEC 313 (*3)	311/312 CATEGORIES (*4)		
P	724,638			1	3	45
1			YES	1	3	45

FOOTNOTES

*1 = REPORTABLE QUANTITY OF EXTREMELY HAZARDOUS SUBSTANCE, SARA SEC.302/304
*2 = THRESHOLD PLANNING QUANTITY, EXTREMELY HAZARDOUS SUBSTANCE, SARA SEC.302
*3 = TOXIC CHEMICAL; SARA SEC 313
*4 = HAZARD CATEGORY FOR SARA SEC. 311/312 REPORTING
1 = FIRE HAZARD 2 = SUDDEN RELEASE OF PRESSURE HAZARD
3 = REACTIVE HAZARD 4 = IMMEDIATE (ACUTE) HEALTH HAZARD
5 = DELAYED (CHRONIC) HEALTH HAZARD

SECTION III. DOT/CERCLA INFORMATION

THE CERCLA REPORTABLE QUANTITY (RQ) FOR THIS MIXTURE IS 2,848 LBS. WHICH IS BASED ON THE RQ OF EACH INGREDIENT AND ITS PERCENT IN MIXTURE.

SECTION IV. ADDITIONAL REGULATORY INFORMATION

THE POLYMER AND ALL COMPONENTS OF THIS PRODUCT ARE PRESENT ON THE UNITED STATES TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL SUBSTANCES INVENTORY.

SECTION V. DISCLAIMER

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