

# Material Safety Data Sheet

Complies with Federal OSHA Hazard Communication Standard 29CFR 1910.1200, Canadian WHMIS Regulations, California and Pennsylvania Right to Know Acts.

## SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product name: SBQ 500 Emulsion  
Manufactured for: Lawson Screen Products  
5100 Penrose Street Saint Louis MO 63115 USA  
Telephone number for information: Information: 1-800-431-2200 (US), +1-847-296-5090 (International)  
Telephone number for emergencies: Emergencies (Infotrac): 1-800-535-5053 (US), +1-352-323-3500 (International)  
DOT Class: Not regulated.  
UN/NA Number: N.A.  
Use: Light sensitive emulsion for producing screenprint stencils.

## SECTION 2 - COMPONENT INFORMATION

This product is determined to be non-hazardous.

Hazardous components	Cas#	% (Optional)	OSHA PEL	ACGIH TLV	Other
None					

\*\*\* The specific chemical identity and/or weight percent is being withheld as a trade secret

## SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Physical state, appearance and odor: Viscous, light sensitive, red liquid.

Boiling point:	212 F	Melting point:	32 F
Vapor pressure(mm Hg):	as water	Vapor density(air=1):	< 1
Evaporation rate (butylacetate=1):	< 1	% Volatile:	> 50
Density/specific gravity:	1.05	%VOC (less water and exempt solvents):	0
Solubility in water:	miscible	pH:	4.0 - 6.0
*N.D.-No data, **N.A.-Not applicable		Coefficient of oil/water distribution:	N.D. *

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Explosion data: N.A.  
Hazardous combustion products: None - Product will not burn.  
Extinguishing media: Water spray to cool fire exposed containers.  
Special fire fighting procedures: None.

Flammable	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unusual fire or explosion hazards:	None.
Flash point (Method Used):	N.A. **	Autoignition temperature:	N.A.
Upper explosive limit (UEL):	N.A.	Lower explosive limit (LEL):	N.A.
Sensitivity to mechanical impact:	stable	Sensitivity to static discharge:	stable

## SECTION 5 - REACTIVITY DATA

Stable  Yes  No If no, conditions to avoid: N.A.  
Hazardous Polymerization  Yes  No If yes, conditions to avoid: N.A.  
Incompatibility, materials to avoid: Oxidizing agents. Avoid exposure to white light.  
Hazardous decomposition products: None when used under normal conditions.

## SECTION 6 - HEALTH HAZARD DATA/TOXICOLOGICAL PROPERTIES

Health hazards (Acute): None recorded.  
Health hazards (Chronic): None recorded.

Medical conditions generally aggravated by exposure: Dermatitis.  
Routes of exposure: symptoms  
Skin contact : Prolonged exposure may cause slight irritation .  
Eye contact : Direct contact may cause slight irritation.  
Inhalation : N.A.  
Ingestion : Large quantities may cause gastro-intestinal irritation.

Carcinogenicity :  Yes  No (NTP),  Yes  No (IARC),  Yes  No (OSHA)  
LD50: N.D.  
LC50: N.D.

**SECTION 7 - FIRST AID PROCEDURES**

Skin contact : Wash with soap and water.  
 Eye contact : Irrigate with water for 15 minutes.  
 Inhalation : N.A.  
 Ingestion : Drink plenty of water , seek medical attention and treat symptomatically.

**SECTION 8 - CONTROLS AND PREVENTATIVE MEASURES**

Ventilation required : Provide adequate ventilation.  
 Hygienic/work practices : Refer to product data sheet .  
 Respiratory protection :  Yes  No, If yes specify type: N.A.  
 Protective gloves :  Yes  No, If yes specify type: PVC/Latex recommended.  
 Eye protection :  Yes  No, If yes specify type: Goggles/safety glasses recommended.  
 Other protective clothing or equipment : Apron recommended.

**SECTION 9 - SPILL PROCEDURES AND WASTE DISPOSAL**

Small spills: Dilute with large amounts of water and flush to waste .  
 Large spills: Absorb with sand and transfer to proper disposal site.  
 Methods of disposal: Disposal should be performed in accordance with all current local, state and federal regulations.

**SECTION 10 - STORAGE AND HANDLING**

Storage requirements: Store in cool conditions in original containers .  
 Handling procedures: Goggles and gloves may be worn as a practice of good industrial hygiene .  
 HMIS Ratings: Health : 0, Flammability : 0, Reactivity : 0, Personal Protection: B

**SECTION 11 - REGULATORY INFORMATION/FEDERAL AND STATE REQUIREMENTS**

**Federal: EPA** CERCLA requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQ) in 40CFR 302.4  
 Components requiring reporting under the statute are: None.

SARA Title 111 Sections 302, 304, 311 and 312 require emergency planning based on threshold planning quantities (TPQ), and release reporting based on reportable quantities (RQ) in 40CFR 355.  
 Components requiring reporting under the statute are: None.

SARA Title 111 Section 313 requires submission of annual reports of release of toxic chemicals exceeding designated threshold quantities (TQ), that appear in 40CFR 372.  
 Components requiring reporting under the statute are: None.

Toxic Substances Control Act (TSCA) Status: All ingredients are listed in the TSCA inventory.

**State: Right to Know** Pennsylvania Right To Know, requires that substances on the hazardous or special hazardous substances list must be identified  
 Components requiring reporting under this statute are: None. The components of this product are considered proprietary.

California Proposition 65 requires that substances found to cause cancer, birth defects or other reproductive harm must be identified.  
 Components requiring reporting under this statute are: None.

California South Coast Air Quality Monitoring District Rule 443.1 requires that volatile organic compounds must be identified.  
 Components requiring reporting under this statute are: None.