

SAFETY DATA SHEET

U.S. HazCom GHS Format

Date Prepared : 10/16/2014

MSDS No : 97

Date Revised : 02/02/2018

Revision No : 4

Lawson SBQ 500 Photopolymer Emulsion

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SBQ 500 Photopolymer Emulsion
GENERAL USE: Liquid emulsion for producing screen printing stencils
PRODUCT DESCRIPTION: Emulsion
PRODUCT CODE: 205-107

MANUFACTURED For
 Lawson Screen Products
 5110 Penrose St.
 St. Louis, MO 63115
 314-382-9300

24 HR. EMERGENCY TELEPHONE NUMBERS
 Chemtrec 800-424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Not a hazardous substance or mixture

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Polyvinyl alcohol	2 - 15	25213-24-5

4. FIRST AID MEASURES

EYES: Rinse thoroughly with plenty of water. Consult a physician if irritation develops.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

INHALATION: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides

FIRE FIGHTING EQUIPMENT: Wear self contained breathing apparatus for fire fighting if necessary.

HAZARDOUS DECOMPOSITION PRODUCTS: Not Available

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain spill. Wipe area with water soaked towels.

LARGE SPILL: Wear suitable protective equipment. Contain spill. Soak up with absorbent material and transfer to a container for disposal according to local/state/federal regulations.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes.

STORAGE: Keep container closed to prevent drying out.

SHELF LIFE: 24 months

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US).

SKIN: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

RESPIRATORY: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US).

PROTECTIVE CLOTHING: Apron recommended.

WORK HYGIENIC PRACTICES: Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when handling this material: (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics areas with this material stored. (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the restrooms. (3) Wash exposed skin promptly to remove accidental splashes of contact with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Viscous liquid

ODOR: Slight

COLOR: Red

pH: 4.5 to 6.0

PERCENT VOLATILE: 57

FLASH POINT AND METHOD: Not Available

FLAMMABLE LIMITS: Not Available

AUTOIGNITION TEMPERATURE: Not Available

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: Not Available

FREEZING POINT: Not Available

POUR POINT: Not Available

THERMAL DECOMPOSITION: Not Available

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: Not Available

SPECIFIC GRAVITY: 1.076

VISCOSITY #1: 80 to 95 Poise at 25°C (77°F) Brookfield Viscometer, 10rpm

MOLECULAR WEIGHT: Not Available

(VOC): 0 g/L

10. STABILITY AND REACTIVITY**REACTIVITY:** Yes**STABILITY:** Stable under recommended storage conditions.**CONDITIONS TO AVOID:** Heat, sunlight**HAZARDOUS DECOMPOSITION PRODUCTS:** Not Available**INCOMPATIBLE MATERIALS:** Not Available**11. TOXICOLOGICAL INFORMATION****ACUTE TOXICITY**

Chemical Name	ORAL LD ₅₀ (rat)	INHALATION LC ₅₀ (rat)
Polyvinyl alcohol	> 5000 mg/kg [Rat]	> 20 mg/L [rat] 1 h

DERMAL LD₅₀: Not yet determined for this product**ORAL LD₅₀:** Not yet determined for this product**INHALATION LC₅₀:** Not yet determined for this product**CARCINOGENICITY**

Chemical Name	NTP Status	IARC Status	OSHA Status
Polyvinyl alcohol	Not Listed	Not Listed	Not Listed

IARC: Not listed**NTP:** Not listed**OSHA:** Not listed**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** No data are available on the adverse effects of this material on the environment.**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Dispose of in accordance with all current local, state and federal regulations.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:**

	DOT CLASSIFICATION
JN number	-
JN proper shipping name	NOT REGULATED
Transport hazard class(es)	-
Packing group	-

AIR (ICAO/IATA)**SHIPPING NAME:**

	IATA
JN number	-
JN proper shipping name	NOT REGULATED
Transport hazard class(es)	-
Packing group	-

VESSEL (IMO/IMDG)**SHIPPING NAME:**

	IMO / IMDG
JN number	-
JN proper shipping name	NOT REGULATED
Transport hazard class(es)	-
Packing group	-

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: None

FIRE: No PRESSURE GENERATING: No REACTIVITY: No ACUTE: No CHRONIC: No

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Polyvinyl alcohol	2 - 15	25213-24-5

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%
Polyvinyl alcohol	2 - 15

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Polyvinyl alcohol	25213-24-5

TSCA REGULATORY: All components of this product are listed on the TSCA Inventory.

REGULATIONS

STATE REGULATIONS: None

CALIFORNIA PROPOSITION 65: None

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Not a controlled product.

DOMESTIC SUBSTANCE LIST (INVENTORY): All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

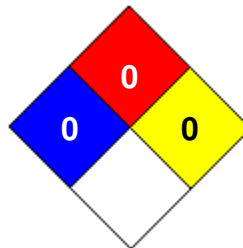
PREPARED BY: SDS Regulatory Specialist Date Revised: 02/02/2018

REVISION SUMMARY: This MSDS replaces the 10/17/2017 MSDS.

HMIS RATING

HEALTH	<input type="checkbox"/>	0
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	B

NFPA CODES



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