

SAFETY DATA SHEET

U.S. HazCom GHS Format



Distributed by
NBC MESHTEC
 AMERICAS

Date Prepared : 10/20/2015

MSDS No : 236

Date Revised : 08/10/2017

Revision No : 2

FOTECOAT 1458

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FOTECOAT 1458

GENERAL USE: Liquid emulsion for screen printing

PRODUCT DESCRIPTION: Emulsion

DISTRIBUTOR

NBC Meshtec Americas
 512 Kingsland Drive
 Batavia, IL 60512

Emergency Contact: Shane Waltmire

Emergency Phone: 630-293-5454

24 HR. EMERGENCY TELEPHONE NUMBERS

INFOTRAC 800-535-5053 or 352-323-3500, 24-hours
 everyday

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye Irritation, Category 2A

Skin Sensitization, Category 1B

GHS LABEL



GHS07

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

PRECAUTIONARY STATEMENT(S)

Prevention:

P264: Wash skin thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P362: Take off contaminated clothing.

Disposal:

P501: Dispose of contents/container in accordance to federal/state/local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Polyvinyl alcohol	5 - 20	25213-24-5

Propoxylated glycerol triacrylate	5 - 20	52408-84-1
Bisphenol A diglycidyl-ether diacrylate	1 - 10	55818-57-0

4. FIRST AID MEASURES

EYES: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

SKIN: Wash off with soap and plenty of water. Consult a physician.

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 eyes, skin, and clothing. Avoid inhalation of vapors. Wash thoroughly after handling.

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: Blue

pH: 4 to 5

PERCENT VOLATILE: 73

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:** 1.051**VISCOSITY #1:** 90 to 110 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)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Polyvinyl alcohol	> 5000 mg/kg [Rat]		> 20 mg/L [rat] 1 h
Propoxylated glycerol triacrylate	> 2000 mg/kg [Rat]	> 2000 mg/kg [Rabbit]	

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	-
Packing group	-
Label	-

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

	IATA
JN number	-
JN proper shipping name	NOT REGULATED
Transport hazard class	-
Packing group	-
Label	-

VESSEL (IMO/IMDG)

SHIPPING NAME:

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

15. REGULATORY INFORMATION**UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HAZARD CATEGORIES: ACUTE HEALTH HAZARD

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

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
Polyvinyl alcohol	5 - 20	25213-24-5

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%
Polyvinyl alcohol	5 - 20

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: CAS # 52408-84-1 Pennsylvania Right To Know Components, New Jersey Right To Know Components

CALIFORNIA PROPOSITION 65: None

CANADA**WHMIS HAZARD SYMBOL AND CLASSIFICATION**

Toxic

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Controlled Product

WHMIS CLASS: D2B

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

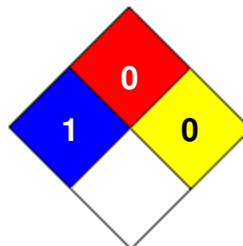
16. OTHER INFORMATION

PREPARED BY: SDS Regulatory Specialist Date Revised: 08/10/2017

REVISION SUMMARY: This MSDS replaces the 05/19/2017 MSDS.

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	B

NFPA CODES**MANUFACTURER DISCLAIMER:** The information contained in the present sheet is based on our knowledge, on the date of the

last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.