

SAFETY DATA SHEET

U.S. HazCom GHS Format


 Distributed by
DYNAMESH

Date Issued : 3/20/2015

MSDS No : 167

FOTECOAT 1076**1. PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME:** FOTECOAT 1076**GENERAL USE:** Liquid emulsion for screen printing**PRODUCT DESCRIPTION:** Emulsion**DISTRIBUTOR**
 Dynamesh Inc.
 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:**

Skin Sensitization, Category 1

Skin Irritation, Category 2

GHS LABEL

GHS07

SIGNAL WORD: WARNING**HAZARD STATEMENTS**

H317: May cause an allergic skin reaction.

H315: Causes skin irritation.

PRECAUTIONARY STATEMENT(S)**Prevention:**

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

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

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

P264: Wash skin thoroughly after handling.

Response:

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 and wash before reuse.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Polyvinyl alcohol	5 - 20	25213-24-5
2-Propenoic acid, (5-ethyl-1,3-dioxan-5-yl)methyl ester	5 - 20	66492-51-1

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: Soak up with inert absorbent material and dispose of according to local regulations.

LARGE SPILL: Wear suitable protective equipment. Do not touch or walk through spilled material. Contain spillage, soak up with absorbent material such as sand, earth, vermiculite and transfer to a container for disposal according to local/state/federal regulations. Flush spill area with water.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Do not allow uncontrolled discharge of product into the environment.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes, skin, and clothing. Avoid breathing dust. Wash thoroughly after handling.

STORAGE: Keep container closed to prevent drying out.

SHELF LIFE: 12 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 6

PERCENT VOLATILE: 66

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

MELTING POINT: Not Available

POUR POINT: Not Available

THERMAL DECOMPOSITION: Not Available

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: Not Available
SPECIFIC GRAVITY: 1.05
VISCOSITY #1: 110 to 125 Poise at 25°C Brookfield Viscometer, 10rpm
(VOC): 0 g/L

10. STABILITY AND REACTIVITY

STABLE: 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

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
2-Propenoic acid, (5-ethyl-1,3-dioxan-5-yl)methyl ester	> 2000 mg/kg [Rat]	>= 2000 mg/kg	

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 specific data are available for this product. Handle it according to good working practices. Avoid littering. Do not contaminate soil, sewers and waterways. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation. Please take all the proper measures to reduce harmful effects on aquifers.

Notes: CAS # 66492-51-1: Aquatic toxicity data: Toxic. Oncorhynchus mykiss (rainbow trout) 96 h LC50 = 4 mg/l Aquatic invertebrates: Harmful. Daphnia magna (Water flea) 48 h EC50 = 20 mg/l Algae: Harmful. Desmodesmus subspicatus (green algae) 72 h EC50 (Growth inhibition) = 34 mg/l Microorganisms: Activated sludge 3 h EC50 (Respiration inhibition) > 1,000 mg/l

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: NOT REGULATED
U.S. CUSTOMS HARMONIZATION NUMBER: 3707.10.00.90

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
311/312 HAZARD CATEGORIES: REACTIVITY HAZARD, ACUTE HEALTH HAZARD
FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** Yes **ACUTE:** Yes **CHRONIC:** No
EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS	Comments
Polyvinyl alcohol	5 - 20	25213-24-5	CAS # 67-56-1 Methanol <1.5%

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)

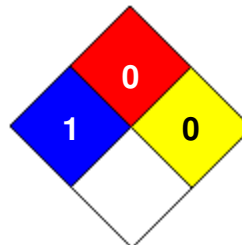
Chemical Name	CAS
Polyvinyl alcohol	25213-24-5

TSCA REGULATORY: All components of this product are listed on the TSCA Inventory.**REGULATIONS****STATE REGULATIONS:** CAS # 66492-51-1 Pennsylvania Right-To-Know**CALIFORNIA PROPOSITION 65:** CAS # 108-88-3 Benzene, methyl-: **WARNING:** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.**CLEAN WATER ACT:** 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**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.