

SAFETY DATA SHEET

U.S. HazCom GHS Format



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DYNAMESH

Date Issued : 3/20/2015
MSDS No : 172

FOTECOAT 1072

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FOTECOAT 1072
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:

Eye Irritation, Category 2A
Skin Irritation, Category 2

GHS LABEL



GHS07

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H315: Causes skin irritation.
H319: Causes serious eye irritation.

PRECAUTIONARY STATEMENT(S)

Prevention:

P264: Wash skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362: Take off contaminated clothing and wash before reuse.
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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Polyvinyl alcohol	5 - 20	25213-24-5
BisphenolA ethoxylated diacrylate	5 - 20	64401-02-1

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 if irritation develops.

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: Not Available

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 as non-hazardous waste. Wipe area with water soaked towels to minimize residue.

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.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with skin and eyes.

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: Violet

pH: 5.5 to 6.5

PERCENT VOLATILE: 65

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: 1.05**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****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)	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**EYE EFFECTS:** Causes serious eye irritation.**SKIN EFFECTS:** Causes skin irritation.**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:** 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:** None**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** No **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 # 64401-02-1 Pennsylvania Right To Know Component, New Jersey Right To Know Component

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.

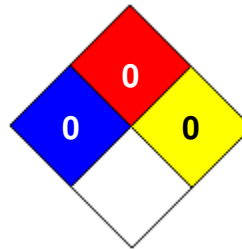
16. OTHER INFORMATION

PREPARED BY: SDS Regulatory Specialist

HMIS RATING

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

NFPA CODES



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