

SAFETY DATA SHEET

U.S. HazCom GHS Format


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DYNAMESH

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MSDS No : 164

FOTECOAT 1850**1. PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME:** FOTECOAT 1850**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:**

Not a hazardous substance or mixture

Environmental:

Not a hazardous substance or mixture

Physical:

Not a hazardous substance or mixture

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Polyvinyl alcohol	5 - 20	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:** 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:** 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: 62

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

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)**

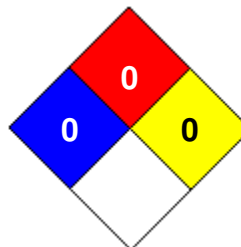
Chemical Name	Wt.%
Polyvinyl alcohol	5 - 20

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:** None**CALIFORNIA PROPOSITION 65:** None**CLEAN WATER ACT:** 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**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**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.