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POLYDYNE GEL COAT

PRODUCT NAME: YELLOW/HASTINGS F.G.

PRODUCT CODE: 100-4230

FEB 10 1998

HMIS CODES: H F R P

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===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: POLYDYNE, INC.
ADDRESS : 1606 PEARL STREET
WAUKESHA, WI 53186

1/22/98

EMERGENCY PHONE : 800-424-9300
INFORMATION PHONE : 414-542-8800

DATE PRINTED : 01/13/98
NAME OF PREPARER : Richard Ewald

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT(+/- 2%)
STYRENE MONOMER	100-42-5	5 68F	30
ACGIH (TWA) 50 PPM			
(STEL) 100 PPM			
OSHA (TWA) 50 PPM			
(STEL) 100 PPM			
LEAD CHROMATE	1344-37-2	na na	11.90
OSHA (TWA): 0.5 MG./CU. M.			
ACGIH (TWA): 0.5 MG./CU. M.			
METHYL METHACRYLATE	MIXTURE	29 68F	4

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING POINT: N/A
VAPOR DENSITY: Heavier than air.
SOLUBILITY IN WATER: Negligible
VOC % BY WT. 33.70%
APPEARANCE AND ODOR: Viscous liquid, slightly sweet odor.

SPECIFIC GRAVITY (H2O=1): 1.24
EVAPORATION RATE: Slower than Ether.

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 77 DEG. F.
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.1%
EXTINGUISHING MEDIA: Use Foam, Dry Chemical, CO2, or Water.

METHOD USED: TCC.
UPPER: 12.5%

SPECIAL FIREFIGHTING PROCEDURES

Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.

If electrical equipment is involved, the use of foam should be avoided.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point.

Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

Polymerization may take place under fire conditions. If polymerization occurs in a closed container, there is a possibility that it will rupture violently. Cool storage container with water if exposed to fire or extreme heat.

===== SECTION V - REACTIVITY DATA =====

STABILITY: This is a stable product.

CONDITIONS TO AVOID

Avoid heat, flame, contaminants and catalysts for vinyl polymers. This product is corrosive to copper and copper alloys; dissolves rubber.

INCOMPATIBILITY (MATERIALS TO AVOID)

This product is highly reactive, especially with oxidizers, peroxides, strong acids, metal halides, pure oxygen, and alkali metal-graphite compounds.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Heating of this product to decomposition may cause the emission of irritating, acrid fumes.

HAZARDOUS POLYMERIZATION: May occur. See "Conditions to avoid".

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Short-term inhalation toxicity is low. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

Symptoms are more likely seen at air concentrations exceeding the recommended exposure limits. Symptoms of exposure may include: Irritation (nose, throat, respiratory tract), metallic taste in mouth, impaired coordination, confusion, CNS depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Eyes: Exposure to liquid or vapor causes eye irritation. Symptoms may include stinging, tearing, redness and swelling.

Skin: Exposure causes skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin absorption is possible, but harmful effects are not expected from this route of exposure under normal conditions of handling and use.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

Symptoms may include: Gastrointestinal irritation (nausea, vomiting, diarrhea) and possible liver damage. This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.

HEALTH HAZARDS (ACUTE AND CHRONIC)

This product can irritate all parts of respiratory tract and eyes. May be fatal at 10,000 ppm. Vapor generation of gel coats will rarely exceed 200 ppm.

Prolonged or repeated exposure from poor hygiene, housekeeping or handling practices can cause lead poisoning. Early symptoms are fatigue, disturbance of sleep, and constipation, with more severe exposures followed by colic, anemia, and neuritis (nerve inflammation).

Chronic effects of lead overexposure can severely damage red blood cell formation, kidneys, and nervous system. Other symptoms include loss of appetite, metallic taste in mouth, anxiety, nausea, pallor, headache, dizziness and hypertension. The OSHA lead standard reports that lead may impair the reproductive system of both men and women.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

may aggravate pre-existing respiratory and skin disorders.

EMERGENCY AND FIRST AID PROCEDURES

Remove victim from exposure to well-ventilated area. Use oxygen or artificial respiration as necessary. In case of eye contact, flush promptly with large amounts of water, and seek medical attention. IF INGESTED DO NOT INDUCE VOMITING-SEEK MEDICAL ATTENTION IMMEDIATELY.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate area. Absorb spill with an absorbant material such as sawdust, vermiculite or sand, and place in a closed container. In case of large spill, dike the area to prevent this material from entering water systems or sewers.

WASTE DISPOSAL METHOD

This product has been tested and found to have a flash point below 140 F. If discarded in liquid form, this product should be treated as hazardous waste based on the characteristic of ignitability as defined under the federal RCRA regulations (40 CFR 261).

In its catalyzed (solid) form, this product is considered non-hazardous, and can usually be landfilled. For further information, contact your state or local solid waste agency or the United States Environmental Protection Agency's RCRA hotline (1-800-434-9346 or 202-382-3000).

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid storage above 100 Deg. F. Avoid prolonged or repeated skin contact. Avoid inhalation of heated vapors or spray mists.

OTHER PRECAUTIONS

Avoid improper addition of promoter and/or catalyst. A promoter and catalyst used with this product should always be mixed separately with the product, and must never be mixed together.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

If exposure can exceed the PEL/TLV, use only NIOSH/MSHA approved air-purifying or supplied air respirator operated in a positive pressure mode per the NIOSH/OSHA occupational health guidelines for chemical hazards.

VENTILATION

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

PROTECTIVE GLOVES

Wear chemical resistant gloves.

EYE PROTECTION

Chemical splash goggles in compliance with OSHA regulations are advised. However, OSHA regulations also permit other type safety glasses. (Consult your safety equipment supplier).

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Wear protective clothing to prevent skin contact. Keep exposed skin area to a minimum. Eye wash station and safety shower should be available.

WORK/HYGIENIC PRACTICES

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before reuse. Shower after work, using plenty of soap and water.

D.O.T./SHIPPING INFORMATION

in Solution, 3, UN1866, PG III.

===== SECTION IX - DISCLAIMER =====

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