

CANCELLED

PVC EMULSION RESIN

Received
DEC 05 2003
Georgia Gulf
Law Dept

PVC EMULSION RESIN is a generic MSDS for the following products:

EH-71
EH-71L
EH-71AH
EH-73
EH-210
EH-218
EH-219
EH-219LF
EH-219LFHY
EH-232
EH-233
EX-240
EX-241
EH-242
EH-250
EH-250HY
EH-255

PVC EMULSION RESIN

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME AND SYNONYMS: Polyvinyl chloride resin, PVC resin,
Chloroethylene polymer, Chloroethylene homopolymer, EH-xxx

CAS NAME AND NO.: CHLOROETHYLENE POLYMER [9002-86-2]

CHEMICAL FAMILY: Vinyl resin

CHEMICAL FORMULA: $(C_2H_3Cl)_x$

MANUFACTURER'S NAME AND ADDRESS

Georgia Gulf Corporation
PVC Division
P.O. Box 629
Plaquemine, Louisiana 70765-0629

EMERGENCY TELEPHONE NO.: (302) 836-2100 or CHEMTREC (800) 424-9300

SECTION-II - HAZARDOUS INGREDIENTS

<u>COMPONENT</u>	<u>% (WT OR VOL)</u>	<u>ACGIH TWA (UNITS)</u>	<u>ACGIH STEL (UNITS)</u>	<u>OSHA PEL (UNITS)</u>
Vinyl chloride CAS # [75-01-4]	< 0.0002	5 ppm	N/A	5 ppm/15M Cl 1 ppm/8H TWA

PVC Dust should be limited to 10 mg/m³

SECTION III - PHYSICAL PROPERTIES

APPEARANCE AND ODOR: White powder, odorless

MOLECULAR WEIGHT: ca xxx,xxx weight average

BOILING POINT (DEGREES FAHRENHEIT): N/A

MELTING POINT (DEGREES FAHRENHEIT): N/A

VAPOR PRESSURE (MM. OF MERCURY): 0.1

SPECIFIC GRAVITY (WATER = 1): 1.39

PVC EMULSION RESIN

VAPOR DENSITY (AIR = 1): N/A

PERCENT VOLATILE (BY WEIGHT): 0

pH: N/A

SOLUBILITY IN WATER: None

EVAPORATION RATE (BUTYL ACETATE = 1): None

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: 500°F (COC)

FIRE EXTINGUISHING MEDIA: Carbon dioxide or water

<u>FLAMMABLE LIMITS (PERCENT BY VOLUME):</u>	<u>LOWER</u>	<u>UPPER</u>
	N/A	N/A

SPECIAL FIRE FIGHTING PROCEDURES & EQUIPMENT: Wear gas mask approved for acid vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: PVC will not continue to burn after ignition without an external fire source. Burning liberates HCl gas.

SECTION V - REACTIVITY DATA

STABILITY: UNSTABLE _____ STABLE X

CONDITIONS TO AVOID: Temperature above 300° F - will decompose raw resin and liberate HCl.

INCOMPATIBILITY (MATERIALS TO AVOID): Polyvinyl chloride compounds should not come into contact with Acetal or Acetal copolymers in elevated temperature processing equipment. The two materials are not compatible and will react in a violent decomposition when mixed under conditions of heat and pressure.

HAZARDOUS DECOMPOSITION PRODUCTS: Slow release of HCl when heated above 300°F.

HAZARDOUS POLYMERIZATION: WILL OCCUR _____ WILL NOT OCCUR X

CONDITIONS TO AVOID: N/A

PVC EMULSION RESIN

SECTION VI - HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE: Polyvinyl chloride as a resin is more or less inert. Its main hazards, if any, would be associated with unreacted vinyl chloride monomer (generally extremely small amounts) and other additives in the plastic. Pneumoconiosis has been described from inhalation of the dust which should be avoided. Combustion products of Polyvinyl Chloride may result in an asthma syndrome. Check OSHA VCM Regulation 29 CFR, Title 29, Chapter XVII, Part 1910.

PROBABLE ROUTES OF EXPOSURE: Inhalation (of dust)

EMERGENCY AND FIRST AID PROCEDURES

INGESTION: Practically inert.

INHALATION: Remove victim to fresh air. Get medical attention if necessary.

EYE CONTACT: Flush with water. Do not rub. See physician if residual foreign body is suspected.

SKIN CONTACT: N/A

SECTION VII - TOXICITY DATA

ORAL: N/A

DERMAL: N/A

INHALATION: N/A

CARCINOGENICITY: This material may contain trace amounts of vinyl chloride which is a cancer suspect agent. Polyvinyl chloride is not listed as a carcinogen by IARC, Monograph 7, 1988. There is no polyvinyl chloride listing in NTP Fourth Annual Report on Carcinogens, 1985. OSHA, as of 1/30/86, does not list polyvinyl chloride per se but requires labeling that it may contain vinyl chloride monomer which is listed as a cancer suspect agent.

OTHER PERTINENT DATA: N/A

PVC EMULSION RESIN

SECTION VIII - SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT

PROTECTIVE GLOVES: N/A

EYE PROTECTION: Safety Glasses (for dust)

RESPIRATORY PROTECTION (SPECIFY TYPE): Any MSHA-approved dust respirator

OTHER: N/A

VENTILATION

LOCAL EXHAUST: As required for general work areas.

MECHANICAL (GENERAL): N/A

SPECIAL: N/A

OTHER: N/A

SECTION IX - SPILL, LEAK, AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Vacuum, sweep, or shovel up.

WASTE DISPOSAL METHODS: Landfill, high temperature incineration under controlled conditions due to formation of HCl.

SECTION X - REGULATORY INFORMATION

FDA: Approved for use in film wrap under prior sanction provided that FDA-specified quality assurance tests are met. (See ASTM Standards 1243-66 and 3030-72.) Also approved for use in cellophane (177.1200). Regulated under 21 CFR 176.180 for safe use as component of the uncoated or coated food-contact surface of paper and paperboard intended for use in producing, manufacturing, packing, processing, preparing, treating, packaging, transporting, or holding any food of the type identified in §176.170(c), table 1, under type VIII. Also listed under §175.105 as a substance for use as component of adhesives. Regulated under §175.300(3) - (xv) and §175.320(b)(3) - Resinous and polymeric coatings for food-contact surfaces, and for polyolefin films, respectively.

PVC EMULSION RESIN

EPA:

CLEAN WATER ACT REQUIREMENTS: Not listed.

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) REQUIREMENTS: Unknown.

SUPERFUND AMENDMENTS and REAUTHORIZATION ACT of 1986 (SARA), TITLE III:
Not specifically listed.

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION and LIABILITY ACT (CERCLA): §101 (14) - Hazardous Substance, not listed.

STATE: Check state and local requirements.

USDA: USDA self-certification (9 CFR 317.20); is FDA approved.

CPSC: Not listed in Hazardous Substances Labeling Guides.

TSCA: CAS #9002-86-2

DOT

PROPER SHIPPING NAME: Polyvinyl chloride

HAZARD CLASS: N/A

LABEL REQUIRED: N/A

IDENTIFICATION NO.: N/A

OTHER PERTINENT INFORMATION: N/A

OSHA: PVC may contain a very low level of VCM. Therefore, under normal working conditions with adequate ventilation, OSHA's PEL (1 ppm) should not be exceeded. The workplace should be monitored, and if the level exceeds the PEL, refer to 29 CFR 1910.1017. In addition, containers of PVC shall be legibly labeled:

POLYVINYL CHLORIDE
CONTAINS
VINYL CHLORIDE
VINYL CHLORIDE IS A CANCER-SUSPECT AGENT

SECTION XI - SPECIAL PRECAUTIONS AND COMMENTS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in dry area below 100°F.

PVC EMULSION RESIN

OTHER PRECAUTIONS: When opening truck or railcar for unloading, ventilate before entering.

REGISTRATIONS/CERTIFICATIONS: N/A

EFFECTIVE DATE: 12/8/88

SUPERSEDES: 7/14/86

MSDS CONTACT: F. E. Borrelli

PHONE NUMBER: (404) 395-4582

IMPORTANT: The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. GEORGIA GULF MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, CONCERNING THE ACCURACY OR COMPLETENESS OF THE INFORMATION AND DATA HEREIN. Georgia Gulf will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading. This information relates to the material designated and may not be valid for such material used in combination with any other materials nor in any process.

MAJOR SOURCES USED FOR MSDS PREPARATION

- 1) "The Condensed Chemical Dictionary", Tenth Edition, 1981.
- 2) "Threshold Limit Values for Chemical Substances in the Work Environment Adopted by ACGIH for 1988-89", American Conference of Governmental Industrial Hygienists.
- 3) "OSHA Safety and Health Standards (29 CFR 1910) OSHA 2206", Revised March 11, 1983, U.S. Department of Labor, Occupational Safety and Health Administration.
- 4) "Occupational Health Guidelines for Chemical Hazards", Prepared for National Institute for Occupational Safety and Health, January 1981, U.S. Department of Commerce National Technical Information Service.
- 5) "NIOSH Pocket Guide to Chemical Hazards", September 1985, U.S. Department of Health & Human Services.

PVC EMULSION RESIN

- 6) "Registry of Toxic Effects of Chemical Substances", 1983 Supplement to the 1981-82 Edition, U.S. Department of Health & Human Services, Public Health Service, NIOSH.
- 7) "Fourth Annual Report on Carcinogens", 1985, National Toxicology Program (NTP), U.S. Public Health Service.
- 8) International Agency For Research On Cancer Monographs, Supplement 7, 1988.

(0050S)