



PLASTIC CORR.

MATERIAL SAFETY DATA SHEET

SN CMPD 7045

Product Name _____

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME AND SYNONYMS: Polyvinyl Chloride Compound - Rigid 7045

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

CHEMICAL FAMILY: Plastic (Tin Stabilized)

CHEMICAL FORMULA: (CH₂-CHCl)_n with various additives

MANUFACTURER'S NAME AND ADDRESS

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

EMERGENCY TELEPHONE NO.: (601) 892-5612 or CHEMTREC (800) 424-9300

SECTION II - HAZARDOUS INGREDIENTS

Table with 5 columns: COMPONENT, % (WT OR VOL), ACGIH TWA (UNITS), ACGIH STEL (UNITS), OSHA PEL (UNITS). Rows include Vinyl Chloride and Organotin.

Dr. Herbert Stokinger, Chairman of the Threshold Limits Committee of ACGIH, stated the following:

"Although the Committee fully appreciated the fact that there is a wide variation in toxicity among the various tin compounds, the lack of adequate toxicologic information on each of the various existing tin compounds and the possibility of still more to come has resulted in the only possible way to handle the problem, namely to set an extremely low level for the control of the most toxic of the organotin compounds. In setting such a limit on the basis of the most toxic, exposures to other tin compounds are automatically controlled."



PLASTIC CORP.

MATERIAL SAFETY DATA SHEET

SN CMPD 7045

Product Name _____

SECTION III - PHYSICAL PROPERTIES

APPEARANCE AND ODOR: 4/32 inch cubes, various colors & transparencies, no odor

MOLECULAR WEIGHT: N/A. Mixture

BOILING POINT (DEGREES FAHRENHEIT): N/A

MELTING POINT (DEGREES FAHRENHEIT): N/A

VAPOR PRESSURE (MM. OF MERCURY): <0.1

SPECIFIC GRAVITY (WATER = 1): 1.2 - 1.4

VAPOR DENSITY (AIR = 1): None

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: 735 °F ASTM D1929

FIRE EXTINGUISHING MEDIA: Water, carbon dioxide, or foam

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

SPECIAL FIRE FIGHTING PROCEDURES & EQUIPMENT: Use a self-contained breathing apparatus approved for acid vapors.

UNUSUAL FIRE AND EXPLOSION HAZARDS: PVC compound will not continue to burn after ignition without an external fire source. Burning at temperatures at or above about 450° F. liberates HCl gas.



PLASTIC CORP.

MATERIAL SAFETY DATA SHEET

SN CMPD 7045

Product Name _____

SECTION V - REACTIVITY DATA

STABILITY: UNSTABLE ___ STABLE X

CONDITIONS TO AVOID: Temperatures above 400 °F

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 450 °F

HAZARDOUS POLYMERIZATION: WILL OCCUR ___ WILL NOT OCCUR X

CONDITIONS TO AVOID: Overheating

SECTION VI - HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE: The physical state of this PVC compound should prevent any significant oral, ocular or dermal exposure. It is expected to be non-irritating chemically. This material is expected to be practically non-toxic by oral ingestion. Abnormal heating may lead to decomposition with the release of HCl thereby causing irritation of the eyes, skin, and/or respiratory tract. The compound contains organotin stabilizer. Some individuals have been shown to develop sensitization to tin compounds. Irritation of the skin, eyes, or respiratory tract may occur from exposure to HCl or organotin.

PROBABLE ROUTES OF EXPOSURE: Inhalation due to overheating

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: Practically inert

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

EYE CONTACT: In the event of eye irritation due to HCl exposure, irrigate eyes with cool water for at least 15 minutes. Seek medical attention, if needed.

SKIN CONTACT: N/A



PLASTIC CORP.

MATERIAL SAFETY DATA SHEET

Product Name SN CMPD 7045

SECTION VII - TOXICITY DATA

ORAL: None established for compound

DERMAL: None established for compound. ACGIH limit for organotin .1mg/M³

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 Fifth Annual Report on Carcinogens, 1989. 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

SECTION VIII - SPECIAL PROTECTION INFORMATION

PERSONAL PROTECTIVE EQUIPMENT

PROTECTIVE GLOVES: N/A

EYE PROTECTION: Safety Glasses

RESPIRATORY PROTECTION (SPECIFIC TYPE): None under normal processing conditions.

OTHER: N/A

VENTILATION

LOCAL EXHAUST: Recommended for processing equipment when compound is heated.

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 immediately.

WASTE DISPOSAL METHODS: Approved landfill or high temperature modern incineration under controlled conditions due to formation of HCl.



PLASTIC CORP.

MATERIAL SAFETY DATA SHEET

Product Name SN CMPD 7045

SECTION X - REGULATORY INFORMATION

FDA: N/A

EPA:

CLEAN WATER ACT: Not listed

RESOURCE CONSERVATION AND RECOVERY ACT (RCRA): 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: N/A

CPSC: Not listed in Hazardous Substances Labeling Guides

TSCA: Mixture. CAS #9002-86-2

DOT:

PROPER SHIPPING NAME: Plastic Materials, other than foam, cellular, expanded, or sponge.

HAZARD CLASS: N/A

LABEL REQUIRED: N/A

IDENTIFICATION NO.: N/A

OTHER PERTINENT INFORMATION: N/A

OSHA: May contain trace amounts of vinyl chloride monomer, a cancer suspect agent. Check OSHA Regulations 29 CFR, Title 29, Chapter XVII, part 1910 to determine compliance with the Regulation, including whether VCM concentrations exceed the action level.



PLASTIC CORR.

MATERIAL SAFETY DATA SHEET

Product Name SN CMPD 7045

SECTION XI - SPECIAL PRECAUTIONS AND COMMENTS

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

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

REGISTRATIONS/CERTIFICATIONS: N/A

EFFECTIVE DATE: 1/15/90

SUPERSEDES: 12/6/88

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 or 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.
- 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) *Fifth Annual Report on Carcinogens*, 1989, National Toxicology Program (NTP), U.S. Public Health Service.
- 8) International Agency For Research On Cancer Monographs, Supplement 7, 1988.