

P50501

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: GV31950 YELLOW POLY PASTE
PRODUCT CODE: GV 31950

HMIS CODES: H F R P
2* 1 0 F

RECEIVED

MAR 31 2010

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

MANUFACTURER'S NAME: FERRO CORPORATION
ADDRESS: 1301 N. FLORA STREET, PLYMOUTH, IN 46563 U.S.A.
EMERGENCY PHONE: (800) 424-9300 INFORMATION PHONE: (219) 935-5131
DATE PRINTED : 07-14-92 NAME OF PREPARER : KKR
REVISED: 06-10-92 MODIFIED CONTROL MEASURES

===== SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION =====

HAZARDOUS COMPONENTS	CAS NUMBER	SARA OCCUPATIONAL EXPOSURE LIMITS				VAPOR PRESSURE		WEIGHT PERCENT
		313 OSHA PEL	ACGIH TLV	OTHER		mm Hg	TEMP	
UNSATURATED POLYESTER ALKYD RESIN	MIXTURE	NO	NOT FOUND	NOT FOUND	NOT FOUND	5.0	68F	35.00
LEAD CHROMATE, SULFATE (2)	1344-37-2	YES	.05mgPb/M3	12 ugCr/M3	NOT FOUND	N/A		65.00

THIS PRODUCT CONTAINS THE ABOVE NOTED COMPONENTS WHICH ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 313 AND 40 CFR PART 372.

(2) Lead Compounds are listed as a possible carcinogens.

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

BOILING RANGE: N/A SPECIFIC GRAVITY (H2O=1): 2.3
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
SOLUBILITY IN WATER: NONE
APPEARANCE AND ODOR: LIQUID WITH RESIN ODOR

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

FLASH POINT: >200 F METHOD USED: TOC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

Recommend self-contained breathing apparatus with a full facepiece operated in a pressure-demand or other positive pressure mode & full body protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

** DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC! **

as oil fire. Water may be used to keep fire-exposed containers cool until fire is out.

Although Hexavalent Chromium compounds are considered to be oxidizing, due to the insolubility of Lead Chromates, very little oxidizing hazard is expected. Lead Chromates in the presence of organic compounds at elevated temperatures may create a fire hazard.

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

**STABILITY: STABLE
CONDITIONS TO AVOID**

Unstable at high temperatures.

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong Bases, strong Acids, & other oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Oxides of Carbon, Chromium, Lead, & Sulfur; Incompletely burned hydrocarbons.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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

EYES

May cause eye irritation.

SKIN

Repeated or prolonged skin contact may cause reddening, itching, & inflammation. May cause allergic reactions on some individuals.

INHALATION

May cause respiratory tract irritation.

INGESTION

May cause gastrointestinal irritation, nausea, vomiting, & diarrhea.

CHRONIC EFFECTS

Prolonged & repeated skin contact may cause dermatitis and/or allergic reaction. Repeated & prolonged inhalation and/or ingestion of Lead compounds may result in Lead poisoning, with symptoms of weight loss, stomach cramps, loss of coordination, & joint & muscle pain. Lead can cause kidney damage & delayed effects involving the blood, gastrointestinal, nervous, & reproductive systems. Excessive exposure to Lead dusts during pregnancy can result in neurological disorders in infants.

CARCINOGENICITY: NTP? YES IARC MONOGRAPHS? YES OSHA REGULATED? NO

Lead compounds are listed by IARC as possible carcinogens (CLASS 2B). There is currently not sufficient evidence to indicate Lead compounds are human carcinogens.

EMERGENCY AND FIRST AID PROCEDURES

EYES - Immediately flush with lots of water for at least 15 minutes, occasionally lifting upper & lower eyelids, and get prompt medical attention.

SKIN - Wash contacted area thoroughly with soap & water. Remove & wash contaminated clothing before reuse. See doctor if irritation is present or persists.

INGESTION - If swallowed, CALL A DOCTOR IMMEDIATELY! ONLY INDUCE VOMITING AT THE INSTRUCTIONS OF A DOCTOR. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON!

INHALATION - Remove victim from exposure to well ventilated area. Make comfortably warm but not hot. Use artificial respiration or oxygen as required. See doctor if irritation is present or persists.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Avoid ALL personal contact. Ventilate area & maintain ventilation. Use ALL described protective measures & equipment. Use absorbant material, such as clay or sand, to collect & contain for salvage & disposal. Wash contaminated area with soapy water.

WASTE DISPOSAL METHOD

Follow ALL applicable Federal, State, Provincial, and Municipal laws, regulations and by-laws.

Package in D.O.T. approved containers & transport to an EPA approved treatment, storage, & disposal (TSD) facility.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

AVOID EXCESSIVE HEAT, SPARKS, & OPEN FLAMES. DO NOT CUT, PUNCTURE, OR WELD ON OR NEAR THIS CONTAINER. STORE IN COOL, DRY AREA IN CLOSED CONTAINERS AWAY FROM INCOMPATIBLE MATERIALS. DO NOT STORE NEAR FOOD OR FEED.

OTHER PRECAUTIONS

Since emptied containers retain product residues (vapor, liquid, or solid), ALL HAZARD PRECAUTIONS LISTED IN THE MSDS MUST BE OBSERVED.

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

RESPIRATORY PROTECTION

In the absence of proper ventilation use NIOSH approved respirator when used at high temperatures or when sanding cured product.

VENTILATION

Ventilate to maintain exposure below published exposure limits when used at high temperatures or when sanding cured product.

PROTECTIVE GLOVES

Use new, impervious (rubber, Nitrile) gloves. Replace every four hours or as often as needed to maintain protection.

EYE PROTECTION

Use chemical safety goggles or full-face shield to protect against chemical splash.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Safety showers & eye wash stations within 10 seconds of work station. Where splash can occur, use an apron.

WORK/HYGIENIC PRACTICES

Wash hands, forearms, face, & neck with soap & water after handling & before eating, smoking, or applying cosmetics.

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

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