MATERIAL SAFETY DATA SHEET
COATINGS AND RESINS GROUP

PCC Industries, Inc.

SECTION 1 - CHEMICAL, PRODUCT, AND COMPANY INFORMATION

PRODUCT CODE/IDENTITY: 16-802
PRODUCT TRADE NAME: PIT GLAZE II PASTEL "E"
VISION DATE: 01/04/01 (000) 0814
STOMER PART #/NAME: Not applicable
CHEMICAL FAMILY: Epoxy

EMERGENCY MEDICAL/SPILL INFO: (304) 843-1300 (U.S.) 91-830-00-214 (MEXICO)
TECHNICAL INFORMATION: 1-800-441-9635

PRODUCT SAFETY/MSDS INFORMATION: 4325 ROSANNA DRIVE, P.O. BOX 9 ALLISON PARK, PA 15101 (412) 492-5555

DATE OF MSDS PREPARATION: 05/17/01

PRIMARY HAZARD WARNING

Harmful if swallowed. May cause slight skin irritation. Causes severe eye irritation. Prolonged or repeated contact may cause an allergic skin reaction. Vapor and/or spray mist may be harmful if inhaled.

This MATERIAL SAFETY DATA SHEET HAS BEEN PREPARED IN ACCORDANCE WITH THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200), THE SUPPLIER NOTIFICATION REQUIREMENTS OF SARA TITLE III, SECTION 313, AND OTHER APPLICABLE RIGHT-TO-KNOW REGULATIONS.

TRANSPORTATION OF DANGEROUS GOODS

OPERATING NAME: Paint

IS TECHNICAL NAME: None

HAZARD CLASS: None

SUBSTANTIAL CLASS: None

I NUMBER: None

ACKING GROUP: None

INE POLLUTANT: None

A-RQ, HAZARDOUS SUBSTANCE: None

A-RQ, HAZARDOUS SUBSTANCE THRESHOLD SHIP WEIGHT: None

INADA SCHEDULE XIII, 9.2: None

INADA SCHEDULE XIII, 9.2 THRESHOLD SHIP WEIGHT: None

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>PERCENT</th>
<th>CAS NUMBER</th>
<th>CARCINOGEN</th>
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ETHYLENE GLYCOL MONOPHENYL ETHER 1 - <5 122-95-6
TITANIUM DIOXIDE 30 - <60 13463-67-7
EOXY RESIN 20 - <50 25068-38-6
NOMYETHOXYXOPOLY(ETHYLENEOXY)ETHANOL 1 - <5 9016-45-9

Carcinogens: O=OSHA; A=ACGIH; N=NTP; I=IARC

SARA TITLE III & CERCLA CLASSIFICATIONS

<table>
<thead>
<tr>
<th>SARA 102 RC (lbs)</th>
<th>SARA 302 TEQ (lbs)</th>
<th>SARA 313 AC CHE FL ER RE</th>
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<td>N (GLYCOLETHR)</td>
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SARA 311/312 CATEGORIES FOR THIS PRODUCT: ACUTE= Y, CHRONIC= N, FLAMMABILITY= N, PRESSURE= N, REACTIVITY= N

OCUPATIONAL EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THE FOLLOWING MATERIALS:

ACGIH U.S. OSHA

<table>
<thead>
<tr>
<th>TLV-TWA</th>
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<th>PEL-STEL</th>
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Ceiling Limit; S Potential Skin Absorption; R Respirable Dust

ACGIH TLV - BASIS - CRITICAL EFFECT(S)

NOT ESTAB.

(GLYCOLETHR)...NOT ESTAB.

lung

NOT ESTAB.

NOT ESTAB.

(GLYCOLETHR)...NOT ESTAB.

ACGIH TLV BASIS - CRITICAL EFFECT(S): CNS-CENTRAL NERVOUS SYSTEM; CV-CARDIOVASCULAR SYSTEM; CW-COAL WORKER'S PNEUMONITIS; G-GENITAL-EXTRASPLANIC; S-SKIN INTOXICATION; U-OTHER

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PRODUCT STATUS RELATIVE TO THE U.S. EPA TOXIC SUBSTANCES CONTROL ACT

1. Chemical substances in this product are listed on the U.S. TSCA Inventory or otherwise exempt from TSCA Inventory reporting requirements.

SECTION 3 - HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE FROM:

INGESTION: Harmful if swallowed.

IN CONTACT: Causes severe eye irritation.

IN CONTACT: May cause slight skin irritation. Prolonged or repeated contact may cause an allergic skin reaction.
HALATION: Vapor and/or spray mist may be harmful if inhaled.

HOMIC OVEREXPOSURE: Avoid long-term and repeated contact. This product contains an ethylene series glycol ether and/or acetate which has been shown to cause adverse effects on the kidneys, liver, blood, and/or blood-forming tissue. This product contains titanium dioxide. Animals inhaling massive quantities of titanium dioxide dust in a long-term study developed lung tumors. Studies with humans involved in manufacture of this pigment indicate no increased risk of cancer from exposure. Potential for inhalation of titanium dioxide dusts from coatings is very limited. Since overexposures are not expected, there is no significant hazard for man. Prolonged skin contact if an ingredient in this product caused inflammatory changes in the lungs of laboratory animals. No evidence of this effect has been found in humans.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Redness, itching, burning sensation and muscle disturbances may indicate excessive eye contact. Dryness, itching, tearing, burning, redness, and swelling are conditions associated with excessive skin contact.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Not applicable.

SECTION 4 - FIRST AID MEASURES

IMPORTANT FIRST AID INFORMATION: If ingestion, any type of overexposure or symptoms of overexposure occur during or following the use of this product, contact a poison control center, emergency room or physician immediately; have material safety data sheet information available.

INGESTION: Gently wipe or rinse the inside of the mouth with water. Sips of water may be given if person is fully conscious. Never give anything by mouth to an unconscious or convulsing person. Do not induce vomiting. Contact a poison control center, emergency room or physician right away as further treatment will be necessary.

E CONTACT: Remove contact lens and pour a gentle stream of warm water through the affected eye for at least 15 minutes. If irritation persists, contact a poison control center, emergency room, or physician as further treatment may be necessary.

IN CONTACT: Run a gentle stream of water over the affected area for 15 minutes. A mild soap may be used if available. If any symptoms persist, contact a poison control center, emergency room, or physician for further treatment.

HALATION: Remove from area to fresh air. If symptomatic, contact a poison control center, emergency room or physician for treatment information.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 200 Degrees F (92 Degrees C) (PENSKY-MARTENS CLOSED CUP)

FLAMMABLE LIMITS: Lower explosion limit (LEL): Not available
Upper explosion limit (UEL): Not available

TINGUISHING MEDIA: Use National Fire Protection Association (NFPA) Class B extinguishers (carbon dioxide, dry chemical, or universal aqueous film forming foam) designed to extinguish NFPA Class IIIB combustible liquid fires.

USUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode or burst (due to the build-up of steam pressure) when exposed to extreme heat.

FIRE FIGHTING PROCEDURES: Water spray may be ineffective. Water spray may be used to cool closed containers that are exposed to extreme heat. If water is used, fog nozzles are preferable. Firefighters should wear self-contained
SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Provide maximum ventilation. Only personnel equipped with proper respiratory, skin, and eye protection should be permitted in the area. Remove all sources of ignition. Take spilled material with sand, vermiculite, or other noncombustible absorbent material and place in clean, empty containers for disposal. Only the spilled material and the absorbent should be placed in this container.

ASTE DISPOSAL METHOD: Waste material must be disposed of in accordance with federal, state, provincial, and local environmental control regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

SECTION 7 - HANDLING AND STORAGE

ANDLING AND STORAGE PRECAUTIONS: Protect from freezing.

HER PRECAUTIONS: If this material is part of a multiple component system, read the Material Safety Data Sheet(s) for the other component or components before handling as the resulting mixture may have the hazards of all of its parts.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT FOR:

EYE PROTECTION: Wear chemical-type splash goggles when possibility exists for eye contact due to splashing or spraying liquid, airborne particles, or vapors.

IN PROTECTION: Wear protective clothing to prevent skin contact. Apron and gloves should be constructed of: neoprene rubber, nitrile rubber, or latex. No specific permeation/degradation testing have been done on protective clothing or this product. Recommendations for skin protection are based on infrequent contact with this product. For frequent contact or total immersion, contact a manufacturer of protective clothing for appropriate chemical impervious equipment.

SPIRATORY PROTECTION: Where ventilation is inadequate, use a NIOSH- approved or purifying respirator with the appropriate chemical cartridges or positive-pressure, air-supplied respirator. Read the respirator manufacturer's instructions and literature carefully to determine the type of airborne contaminant against which the respirator is effective, its limitations, and how it is to be properly fitted and used.

HER EQUIPMENT: Clean contaminated clothing and shoes.

NTILATION REQUIREMENTS: Provide general dilution or local exhaust ventilation to maintain a volume and pattern to keep the concentration of ingredients listed in Section below the lowest suggested exposure limits, the LEL below the stated limit, and to remove decomposition products during welding or flame cutting.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

[FORMULA VALUES, NOT SALES SPECIFICATIONS]

ILING RANGE: 212- 565 Degrees F

LUBILITY IN WATER: 36.4 %

ORDER PRESSURE: 17.2 mmHg

IGHT/GALLON (LBS): 11.95 (U.S.)
DENSITY: Heavier than air
Not determined

VOLATILE/VOLUME: 50.600

SOLIDS BY WEIGHT: 64.32

DENSITY GRAVITY: 1.434

VAPORIZATION RATE (BUOAC=100): 32

ODOR/APPEARANCE: Viscous liquid with an odor characteristic of the chemical
mixture and any solvents listed in section 2.

SECTION 10 STABILITY AND REACTIVITY

This product is normally stable and will not undergo hazardous reactions.

INCOMPATIBILITY (MATERIALS AND CONDITIONS TO AVOID): Avoid contact with strong
alkalis, strong mineral acids, or strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: May produce the following hazardous
decomposition products when exposed to extreme heat: carbon monoxide; carbon
oxide; lower molecular weight polymer fractions; Extreme heat includes, but
is not limited to, flame cutting, brazing, and welding.

Hazardous Materials Identification System (HMIS) and National Fire Protection
Association (NFPA) Ratings:

<table>
<thead>
<tr>
<th>HMIS Rating</th>
<th>NFFA Rating</th>
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<tbody>
<tr>
<td>HEALTH 3</td>
<td>HEALTH 3</td>
</tr>
<tr>
<td>FLAMMABILITY 1</td>
<td>FLAMMABILITY 1</td>
</tr>
<tr>
<td>REACTIVITY 0</td>
<td>INSTABILITY 0</td>
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</tbody>
</table>

Rating System: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe, *=Chronic
Effects.

Safe handling of this product requires that all of the information on the MSDS
be evaluated for specific work environments and conditions of use.

THIS IS THE END OF THE MSDS FOR: 16-802 (00234811.00116-802 )

Manufactured and Supplied by:

C INDUSTRIES, EAST POINT

377 OAKLEY DRIVE

EAST POINT, GA 30344