

## Material Safety Data Sheet

**SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name: PITTCOTE® 404 coating

Manufacturer/Supplier:

Pittsburgh Corning Corporation

800 Presque Isle Drive

Pittsburgh, PA 15239

Information Number: 724-327-6100

CHEMTREC: 800/424-9300

Generic Name: : Acrylic latex mastic

Use: PITTCOTE® 404 coating is a highly flexible, acrylic latex coating used with FOAMGLAS® insulation where a superior weather barrier coating is required.

General Comments: General information and emergency information available 8:00 AM – 5:00 PM Monday through Friday.

CHEMTREC telephone number is to be used only in the event of chemical transportation emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to technical service.

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredient               | App. % by wt. | CAS #            |
|--------------------------|---------------|------------------|
| Acrylic polymer emulsion | 40-45         | 29129-78-0       |
| Water                    | 11-13         | 7732-18-5        |
| Hydrated Alumina         | 20-25         | 21645-51-2       |
| Calcium Carbonate        | 8-11          | 1317-65-3        |
| Titanium Dioxide         | 1.5-5         | 13463-67-7       |
| Chlorinated Paraffin     | 1.6 -4        | 63449-39-8 blend |

**SECTION 3 – HAZARDOUS IDENTIFICATION**

ROUTES OF EXPOSURE: Ingestion, Eyes and Inhalation

**IMMEDIATE EFFECTS:**

INHALATION: May cause mild irritation to mucus membranes and respiratory tract in poorly ventilated areas.

SKIN CONTACT: Repeated or prolonged contact with emulsion may cause mild skin irritation.

EYE CONTACT: Direct contact with eyes may cause mild irritation.

INGESTION: Due to nature of product ingestion is not likely. If ingested, see physician.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

ACUTE: Inhalation – may cause respiratory, eye, or nose irritation tract in poorly ventilated areas .

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CHRONIC: Inhalation – May cause mild irritation to mucus membranes and respiratory tract in poorly ventilated areas.

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**SECTION 4 – FIRST AID MEASURES**

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## GENERAL ADVICE:

INHALATION: Remove person to fresh air. If irritation develops, get medical attention.

SKIN CONTACT: Wash skin with soap and water. If irritation develops, get medical attention.

EYE CONTACT: Remove contact lenses. Flush eyes with large amounts of water, preferably lukewarm water, for at least 15 minutes. Avoid rubbing eyes. Get medical attention.

INGESTION: Due to nature of product ingestion is not likely. If ingested, contact a physician or poison control center immediately

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**SECTION 5 – FIRE FIGHTING MEASURES**

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FLAMMABILITY: Not flammable when wet, dry film is self-extinguishing.

UNUSUAL HAZARDS: Material can splatter above boiling point. Closed containers can develop pressure at temperatures over 212°F (100°C).

SUITABLE EXTINGUISHING MEDIA: (On dried product)– water, foam, CO<sub>2</sub>, or dry chemical extinguishers

PERSONAL PROTECTIVE EQUIPMENT: Full protective gear and self-contained breathing apparatus are recommended.

## FIRE AND EXPLOSIVE PROPERTIES

|                        |                |
|------------------------|----------------|
| Flash Point:           | Non-Flammable  |
| Auto-ignition Temp:    | Not Determined |
| Lower Explosive Level: | Not Determined |
| Upper Explosive Level: | Not Determined |

## EXPLOSION DATA:

|                                   |         |
|-----------------------------------|---------|
| SENSITIVITY TO MECHANICAL IMPACT: | Stable. |
| SENSITIVITY TO STATIC DISCHARGE:  | Stable. |

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**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

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PRECAUTIONS FOR PERSONNEL: Ventilate area if necessary. No special clothes are required, but do wear gloves.

ENVIRONMENTAL PRECAUTIONS: Prevent material from entering sewers or waterways. Dike and cover spill with sand, earth, vermiculite or other non-combustible absorbent. Place material in water-resistant container.

PROCESS FOR CLEANING: Clean up residual material before it dries with soap and water.

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**SECTION 7 – HANDLING AND STORAGE**

**HANDLING:** Use rubber gloves and protective glasses to protect against prolonged skin exposure and splashing into eyes.

**RESPIRATORY PROTECTION:** Wear particulate matter mask when spraying or when in close proximity to spray area.

**STORAGE:** Store above 32°F (0°C) No special precautions are necessary to provide for safe use and storage of this product.

**SECTION 8 – EXPOSURE RESTRICTIONS AND PERSONAL PROTECTION**

| Ingredient               | App. % by wt. | EXPOSURE LIMITS           |               |                           | CAS #            |
|--------------------------|---------------|---------------------------|---------------|---------------------------|------------------|
|                          |               | TLV                       | NIOSH REL TWA | PEL                       |                  |
| Acrylic polymer emulsion | 40-45         | NE*                       | NE            | NE                        | 29129-78-0       |
| Water                    | 11-13         | NE*                       | NE            | NE                        | 7732-18-5        |
| Hydrated Alumina         | 20-25         | 2 mg( Al)/m <sup>3</sup>  | NE            | 10 mg/m <sup>3</sup> (TD) | 21645-51-2       |
| Calcium Carbonate        | 8-11          | 10 mg/m <sup>3</sup> (ND) | UN            | 15 mg/m <sup>3</sup> (TD) | 1317-65-3        |
|                          |               |                           |               | 5 mg/m <sup>3</sup> (RF)  |                  |
| Titanium Dioxide         | 1.5-8         | 10 mg/m <sup>3</sup> (TD) | UN            | 10 mg/m <sup>3</sup> (TD) | 13463-67-7       |
|                          |               |                           |               | 5 mg/m <sup>3</sup> (RF)  |                  |
| Chlorinated Paraffin     | 1.6 -4        | NE                        | NE            | NE                        | 63449-39-8 blend |

NA = not applicable      NE = not established      UN = unavailable  
 RF = respirable fraction      ND = nuisance dust      TD = total dust

**ADDITIONAL ADVICE:** No special clothes are required, but do wear gloves.

**SECTION 9 – PHYSICAL PROPERTIES**

|                         |  |  |                              |
|-------------------------|--|--|------------------------------|
| Freezing Point: °C (°F) | 0 (32)                                     | Flash Point : °C (°F) TCC                | NA                           |
| Boiling Point: °C (°F)  | 100 (212)                                  | Ignition Temperature: °C (°F)            | NE                           |
| Vapor Pressure (MM Hg): | NE   | Flammable Limits: LEL                    | NE                           |
|                         |  | UEL                                      | NE                           |
| Vapor Density (Air = 1) | NE   | Specific Gravity (H <sub>2</sub> O = 1): | 1.35 – 1.38 @<br>25°C (77°F) |
| Solubility in Water:    | Dispersible                                | Percent Volatile By Volume (%)           | 45                           |
| Appearance and Odor:    | Thick white liquid with mild ammonia odor. | pH:                                      | 8 – 9.5                      |
|                         |  | Evaporation Rate (BuAC=1)                | same as water                |

**SECTION 10 – STABILITY AND REACTIVITY**

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Temperatures above 100°C (212°F)

**MATERIALS TO AVOID:** None known

**DECOMPOSITION PRODUCTS:** Combustion may produce carbon monoxide, carbon dioxide and small amounts of hydrogen chloride.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**SECTION 11 – TOXICOLOGICAL INFORMATION**

| CAS #            | INGREDIENT               | DERMAL LD50 | INHALATION LD50 | ORAL LD50 |
|------------------|--------------------------|-------------|-----------------|-----------|
| 29129-78-0       | Acrylic polymer emulsion | UN          | UN              | UN        |
| 7732-18-5        | Water                    | UN          | UN              | UN        |
| 21645-51-2       | Hydrated Alumina         | UN          | UN              | UN        |
| 1317-65-3        | Calcium Carbonate        | UN          | UN              | UN        |
| 13463-67-7       | Titanium Dioxide         | UN          | UN              | UN        |
| 63449-39-8 blend | Chlorinated Paraffin     | UN          | UN              | UN        |

| CAS #            | INGREDIENT               | CARCINOGENICITY |      | TERATOGENICITY | MUTAGENICITY |
|------------------|--------------------------|-----------------|------|----------------|--------------|
|                  |                          | ACGIH           | IARC |                |              |
| 29129-78-0       | Acrylic polymer emulsion | NE              | NE   | NE             | NE           |
| 7732-18-5        | Water                    | No              | No   | No             | No           |
| 21645-51-2       | Hydrated Alumina         | UN              | UN   | UN             | UN           |
| 1317-65-3        | Calcium Carbonate        | UN              | UN   | UN             | UN           |
| 13463-67-7       | Titanium Dioxide         | UN              | UN   | UN             | UN           |
| 63449-39-8 blend | Chlorinated Paraffin     | UN              | UN   | UN             | UN           |

**SECTION 12 – ECOLOGICAL INFORMATION**

VOLATILE ORGANIC COMPOUNDS: 5 Grams Per Liter (g/l). 0.04 Pounds Per Gallon (lb/g).

**SECTION 13 – DISPOSAL CONSIDERATIONS**

DISPOSAL METHOD: Disposal should be made in accordance with Federal, State and Local regulations.

**SECTION 14 – TRANSPORT INFORMATION**

SHIPPING CLASS: Not Regulated

**SECTION 15 – REGULATORY INFORMATION**

SARA SECTION 302:

SARA (311,312) HAZARD CLASS:

SARA (313) CHEMICALS: NONE

CERCLA: NA

CPSC CLASSIFICATION:

HMIS: FLAMMABILITY: 0 REACTIVITY: 0 HEALTH: 1

NFPA: FLAMMABILITY: 0 REACTIVITY: 0 HEALTH: 1

WHMIS CLASSIFICATION: NON-HAZARDOUS

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CALIFORNIA PROPOSITION 65:

- A. This product contains a chemical known to the State of CA to cause birth defects or other reproductive harm.
- B. This product contains a chemical known to the State of CA to cause cancer.
- C. This product contains a chemical known to the State of CA to cause cancer and birth defects or other reproductive harm.

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**SECTION 16 – OTHER INFORMATION**

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NA = not applicable  
NEGL = Negligible

NE = not established  
PROP. = Proprietary

UN = unavailable

CL = Ceiling Limit

“THE DATA INCLUDED HEREIN ARE PRESENTED IN ACCORDANCE WITH THE VARIOUS ENVIRONMENT, HEALTH AND SAFETY REGULATIONS. IT IS THE RESPONSIBILITY OF A RECIPIENT OF THIS DATA TO REMAIN CURRENTLY INFORMED ON CHEMICAL HAZARD INFORMATION, TO DESIGN AND UPDATE ITS INFORMED ON CHEMICAL HAZARD INFORMATION, TO DESIGN AND UPDATE ITS OWN PROGRAM AND TO COMPLY WITH ALL NATIONAL, FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS APPLICABLE TO SAFETY, OCCUPATIONAL HEALTH, RIGHT-TO-KNOW AND ENVIRONMENTAL PROTECTION.”

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