

## Material Safety Data Sheet

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

Product Name: PITTCOTE® 404 coating

Manufacturer/Supplier:

Pittsburgh Corning  
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) 5 mg/m <sup>3</sup> (RF)	1317-65-3
Titanium Dioxide	1.5-8	10 mg/m <sup>3</sup> (TD)	UN	10 mg/m <sup>3</sup> (TD) 5 mg/m <sup>3</sup> (RF)	13463-67-7
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 @ 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	Chlorinated Paraffin blend	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	Chlorinated Paraffin blend	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

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