
SECTION 1 – 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.

Chemical Family: Mixture

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 – HAZARD(S) IDENTIFICATION

HAZARD CLASSIFICATION: Potential Irritant

SIGNAL WORD: **WARNING**

HAZARD STATEMENT: May cause mild skin irritation
Can cause mild eye irritation
Wear eye protection, protective clothing, and protective gloves.
Avoid breathing sprayed material mists! Use an approved dust or particulate air filter when in close proximity of spraying of coating!



HAZARDOUS POLYMERIZATION: Will Not Occur

ROUTES OF EXPOSURE: Inhalation, Skin, Eyes, and Ingestion.

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.
CHRONIC: Inhalation – May cause mild irritation to mucus membranes and respiratory tract in poorly ventilated areas.
CARCINOGENICITY: There are no components in this product that are listed as a carcinogen by NTP, IARC, ACGIH or OSHA.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	App. % by Wt.	CAS #
Acrylic polymer emulsion	38 - 41	Proprietary
Alumina trihydrate	31 - 33	21645-51-2
Water	12-14	7732-18-5
Calcium Carbonate	3 - 8	1317-65-3

SECTION 4 – FIRST AID MEASURES

GENERAL ADVICE: Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. If PITTCOTE® 404 coating comes into contact with skin or hair, wash coating from area immediately. If skin irritation occurs, apply non-irritating skin cream and see physician if irritation continues for more than 2 days.

INHALATION: Remove victim 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 oral contact occurs, do not swallow. If swallowed, see physician immediately. Rinse mouth until free of contaminating material. Drink water 16 oz. of water to dilute swallowed material.

SECTION 5 – FIRE FIGHTING MEASURES

This material is 40% water and is not likely to cause or contribute to a fire while wet. When dry, PITTCOTE® 404 coating is fire retardant and is not likely to greatly contribute to a fire. If the material does burn, use normal fire-fighting methods, water and carbon dioxide to control fire.

SUITABLE EXTINGUISHING MEDIA: Water, Foam, Carbon Dioxide, or dry chemical.

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT: NA
SENSITIVITY TO STATIC DISCHARGE: NA

**UNUSUAL FIRE AND EXPLOSION
HAZARDS:**

None

**HAZARDOUS COMBUSTION
PRODUCTS:**

Combustion may produce carbon monoxide, carbon dioxide and small amounts of hydrogen chloride.

SPECIAL FIRE FIGHTING MEASURES:

Wear self-contained breathing apparatus and protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

**PRECAUTIONS FOR
PERSONNEL:**

Ventilate area if necessary. Wear proper protective clothing including gloves. Wear personal protective equipment. Refer to recommendations in section 8. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling and before eating or drinking.

**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.

**WASTE DISPOSAL
METHOD:**

Dispose of in accordance with local, state and federal regulations.

**REGULATORY
REQUIREMENTS:**

Follow applicable OSHA regulations (29 CFR 1910.120).

SECTION 7 – HANDLING AND STORAGE

HANDLING: Use rubber gloves and protective glasses to protect against prolonged skin exposure and splashing into eyes. Wear particulate matter mask when spraying or when in close proximity to spray area.

STORAGE: Store above 32°F (0°C). Do not allow this material to freeze while in a liquid state. Freezing will damage the polymer emulsion and may make it unusable for its intended purpose. This material will begin to freeze at 31°F (-5.6°C). Do not store in steel drums for more than 3 years without examining the container for corrosion. Corrosion may cause a weakness in the steel container or a leak of the material through the container. If a leak is found, stop leak and transfer to a new container.

KEEP AWAY FROM CHILDREN

SECTION 8 – EXPOSURE RESTRICTIONS AND PERSONAL PROTECTION

EXPOSURE LIMITS

Ingredient	App. % by Vol.	TLV	NIOSH REL TWA	PEL	CAS #
Acrylic polymer emulsion	38 - 41	NE	NE	NE	Proprietary
Alumina trihydrate	31 - 33	2 mg(Al)/m ³	NE	10 mg/m ³ (TD)	21645-51-2
Water	12-14	NE	NE	NE	7732-18-5
Calcium Carbonate	3 - 8	10 mg/m ³ (ND)	UN	15 mg/m ³ (TD) 5 mg/m ³ (RF)	1317-65-3

EXPOSURE GUIDELINES: Toxicity is of this material low, although there are no tests determining or quantifying the level of toxicity of this material. The conclusion of low toxicity is determined by studying the ingredients, their toxicity and amount used in this formula.

ENGINEERING CONTROLS: Local exhaust if needed.

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION: Wear protective Chemical goggles or safety glasses

SKIN PROTECTION: Wear proper protective clothing and equipment including gloves.

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

ENVIRONMENTAL EXPOSURE CONTROL:

Provide exhaust ventilation or other engineering controls while spraying, to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated.

WORK/HYGIENIC PRACTICES: Avoid contact with eyes and skin. Wash thoroughly after handling and before eating or drinking.

SPECIAL PRECAUTIONS: Follow protective controls listed in the Exposure Guidelines above when handling these products.

SECTION 9 – PHYSICAL PROPERTIES

Appearance:	Thick white liquid	Flash Point : °C (°F) TCC	NA
Odor:	Mild ammonia odor with mild sweet odors.	Ignition Temperature: °C (°F)	NE
Odor Threshold:	UN	Evaporation Rate (BuAC=1)	2.4
pH	7.5 - 8.5	Flammability:	Non-Flammable
Melting Point/Freezing Point: °C (°F)	-5.6° (31) liquid	Flammable Limits: LEL	NE
		UEL	NE
Boiling Point: °C (°F)	100 (212)	Vapor Pressure: (mm Hg @ 20°C, 68°F)	UN
Solubility in Water:	Dispersible	Vapor Density: (Air = 1)	Lighter than Air
Partition Coefficient: n-octanol/water:	UN	Specific Gravity: (H ₂ O = 1):	1.35 – 1.38 @ 25°C (77°F)
Viscosity	UN	Density: lbs./gal	11.2 – 11.4
VOC: g/l (lbs./gal)	≤ 5 (≤0.04)	Evaporation Rate: (BuAC=1)	Same as Water
		Percent Volatile By Volume: (%)	45

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY: Stable

STABILITY: Stable at standard temperature and pressure.

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization will not occur.

CONDITIONS TO AVOID: Temperatures below 0°C (32°F) or above 100°C (212°F)

MATERIALS TO AVOID: None known

DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and hydrochloric acid may be released or formed as this product burns and decomposes.

SECTION 11 – TOXICOLOGICAL INFORMATION

CAS #	INGREDIENT	DERMAL LD50	INHALATION LD50	ORAL LD50
Proprietary	Acrylic polymer emulsion	UN	UN	UN
21645-51-2	Alumina trihydrate	UN	UN	UN
7732-18-5	Water	UN	UN	UN
1317-65-3	Calcium Carbonate	UN	UN	UN

CAS #	INGREDIENT	CARCINOGENICITY		TERATOGENICITY	MUTAGENICITY
		ACGIH	IARC		
Proprietary	Acrylic polymer emulsion	NE	NE	NE	NE
21645-51-2	Alumina trihydrate	UN	UN	UN	UN
7732-18-5	Water	No	No	No	No
1317-65-3	Calcium Carbonate	UN	UN	UN	UN

This product contains no material in sufficient quantity to qualify as a health hazard or toxicological hazard.

SECTION 12 – ECOLOGICAL INFORMATION

BIODEGRADATION: NA.
 BIOACCUMULATION: NA
 AQUATIC TOXICITY: NA

OTHER INFORMATION: This material does not constitute a negative ecological or environmental problem as a dry product. As a liquid, this material is a low toxicity contaminant to bodies of water with which it has contact. Allow empty containers to dry.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Liquid material may be mixed with absorbent medium such as cat litter or calcium carbonate or saw dust to congeal and dry emulsion before disposal. Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations. EPA Hazardous Waste Number: D001 (Ignitability).

SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION: Latex paints are not considered a hazardous material and are not subject to a hazard classification for shipping or transportation.

DOT SHIPPING CLASS: Not Regulated
 TDG: Not Regulated
 IATA: Not Regulated

SECTION 15 – REGULATORY INFORMATION

US Regulatory Information

OSHA 29 CFR 1910-1200: None
 TSCA: All components of this product are listed on TSCA Inventory

SARA Title III:
 SARA SECTION 302: None
 SARA SECTION 304: NA
 SARA (311,312) HAZARD CLASS: Non-Hazardous
 SARA (313) CHEMICALS: None

CERCLA: None
 RCRA: Refer to section 13
 CPSC CLASSIFICATION: NA

HMIS:	FLAMMABILITY:	0	REACTIVITY:	0	HEALTH:	1
NFPA:	FLAMMABILITY:	0	REACTIVITY:	0	HEALTH:	1

WHMIS CLASSIFICATION: Non-Hazardous

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.

SECTION 16 – OTHER INFORMATION

Prepared in accordance with 29 CFR 1910.1200

This Product has been classified in accordance with the hazard criteria of the Controlled Products

NA = not applicable

NE = not established

UN = unavailable

CL = Ceiling Limit

NEGL = Negligible

PROP. = Proprietary

“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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