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**SECTION 1 – IDENTIFICATION**

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Product Name: PITTSEAL® CW sealant

Manufacturer/Supplier:

Pittsburgh Corning Corporation  
800 Presque Isle Drive  
Pittsburgh, PA 15239

Information Number: 724-327-6100  
CHEMTREC: 800/424-9300

Generic Name: Moisture cure sealant

Use: PITTSEAL® CW sealant is a specially formulated sealant used for sealing joints in FOAMGLAS® pipe insulation and between FOAMGLAS® insulation block.

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.

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**SECTION 2 – HAZARD(S) IDENTIFICATION**

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HAZARD CLASSIFICATION: Potential Irritant

SIGNAL WORD: **WARNING**

HAZARD STATEMENT: Repeated or prolonged contact with skin may cause irritation.  
Direct contact with eyes will cause eye irritation.  
May be harmful if swallowed.



HAZARDOUS POLYMERIZATION: Will Not Occur

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

IMMEDIATE EFFECTS:

INHALATION: Product is extremely low in volatility and therefore not likely to pose a problem from inhalation.

SKIN CONTACT: Not Toxic.

EYE CONTACT: Direct contact can cause severe irritation.

INGESTION: May be harmful if ingested, not a likely route of entry.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

ACUTE: Preexisting skin and eye disorders may be aggravated by direct contact to this product.

CHRONIC: Repeated or prolonged direct contact to the eyes may cause chemical burns. Repeated or prolonged direct contact to skin may cause a dermatitis

Carcinogenicity – There are no components in this product that are listed as a carcinogen by NTP, IARC, ACGIH or OSHA.

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### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

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Ingredient	App. % by wt.	CAS #
Calcium Carbonate	40 - 60	1317-65-3
Titanium Dioxide	4 - 10	13463-67-7
Proprietary Polymers	15 - 30	
Amino Silane	1 - 5	1760-24-3

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### SECTION 4 – FIRST AID MEASURES

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GENERAL ADVICE: Exposure to product can produce symptoms which include skin and eye irritation

INHALATION: An unlikely route of entry. Remove to fresh air. Consult a physician immediately.

SKIN CONTACT: Immediately remove product from skin with dry cloth or towel, and wash exposed area with detergent.

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes and promptly call a physician.

INGESTION: An unlikely route of entry. Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately

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### SECTION 5 – FIRE FIGHTING MEASURES

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SUITABLE EXTINGUISHING MEDIA: Fine Water Spray, CO<sub>2</sub>, Dry Chemical, Foam. If entering a confined area, use self-contained breathing apparatus.

EXPLOSION DATA:

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: None. This product is not considered flammable.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition may produce toxic fumes of Carbon Monoxide, Carbon dioxide, Sulfur oxides and Hydrogen.

SPECIAL FIRE FIGHTING MEASURES: None. Full emergency equipment with self –contained breathing apparatus and full protective clothing should be worn by firefighters.

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### SECTION 6 – ACCIDENTAL RELEASE MEASURES

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PRECAUTIONS FOR PERSONNEL: Ensure adequate ventilation.  
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: No known applicable information.

PROCESS FOR CLEANING: Contain the spill or leak. Collect spill with a rag or other absorbent material such as cardboard, and place into a container approved for waste disposal.

REGULATORY REQUIREMENTS: Follow applicable OSHA regulations (29 CFR 1910.120).

**SECTION 7 – HANDLING AND STORAGE**

HANDLING: Use personal protection recommended in section 8. Avoid eye, skin and clothing contact. Use only with adequate ventilation. Avoid prolonged breathing vapor. Contact lens wearers take appropriate precaution. Keep out of reach of children.

STORAGE: Store in a cool dry area (This product polymerizes when in contact with moisture.) Keep away from heat, sparks and flame. Product is not considered flammable under normal conditions, and product is not considered explosive. Keep container closed when not in use. Do not lay the container on its side.

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

**EXPOSURE LIMITS**

Ingredient	App. % by wt.	TLV	NIOSH REL TWA	PEL	CAS #
Calcium Carbonate	40 - 60	10mg/m <sup>3</sup> Total Dust	10mg/m <sup>3</sup> Total Dust	15mg/m <sup>3</sup> Total Dust	1317-65-3
Titanium Dioxide	4 - 10	10mg/m <sup>3</sup> Total Dust	NE	15mg/m <sup>3</sup> Total Dust	13463-67-7
Proprietary Polymers	15 - 30	UN	UN	UN	
Amino Silane	1 - 5	UN	UN	UN	1760-24-3

EXPOSURE GUIDELINES: No established limits.  
 ENGINEERING CONTROLS: No specific controls are needed.  
 PERSONAL PROTECTIVE EQUIPMENT:  
     EYE PROTECTION: Wear safety glasses or goggles to avoid eye contact.  
     SKIN PROTECTION: Wear impervious gloves such as vinyl to minimize contact with skin. Wear normal protective work clothing with long sleeved shirt.  
     RESPIRATORY PROTECTION: Not required.  
 ENVIRONMENTAL EXPOSURE CONTROL: No specific controls are needed.  
 WORK/HYGIENIC PRACTICES: Avoid contact with eyes and skin. Wash thoroughly after handling and before eating or drinking.

**SECTION 9 – PHYSICAL PROPERTIES**

Appearance:	off white paste	Flash Point : °C (°F) TCC	NA
Odor:	slight ester odor	Ignition Temperature: °C (°F)	NA
Odor Threshold:	NE	Evaporation Rate (BuAC=1)	NA
pH	NE	Flammability:	Non-Flammable
Melting Point/Freezing Point: °C (°F)	UN	Flammable Limits: LEL	NA
		UEL	NA
Boiling Point: °C (°F)	NE	Vapor Pressure: (MM Hg): pH:	NA
Solubility in Water:	Insoluble	Vapor Density: (Air = 1)	> 1
Partition Coefficient: n-octanol/water:	NE	Specific Gravity: (H <sub>2</sub> O = 1):	1.66
Decomposition Temperature	NE	Density: lbs./gal (Calculated)	13.9
Viscosity	≈ 1,000,000 cP	Evaporation Rate: (BuAC=1)	NA
VOC: g/l (lbs./gal)	19 (0.16)	Percent Volatile By Volume: (%)	NE

**SECTION 10 – STABILITY AND REACTIVITY**

REACTIVITY: Will polymerize in contact with water

STABILITY: Stable

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous reaction will not occur

CONDITIONS TO AVOID: None known

MATERIALS TO AVOID: None known

DECOMPOSITION PRODUCTS: Thermal decomposition may produce toxic fumes of CO and /or CO2.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

CAS #	INGREDIENT	DERMAL LD50	INHALATION LD50	ORAL LD50
1317-65-3	Calcium Carbonate	NE	NE	NE
13463-67-7	Titanium Dioxide			> 5000 mg/kg (rat) low toxicity
	Proprietary Polymers	NE	NE	
1760-24-3	Amino Silane	>2000mg/kg low toxicity	NE	>2000mg/kg (rat) low toxicity

CAS #	INGREDIENT	CARCINOGENICITY		TERATOGENICITY	MUTAGENICITY
		ACGIH	IARC		
1317-65-3	Calcium Carbonate	None	None	None	None
13463-67-7	Titanium Dioxide	A4 No	Group 2B	None	None
	Proprietary Polymers	NE	NE	NE	NE
1760-24-3	Amino Silane	None	None	None	None

**SECTION 12 – ECOLOGICAL INFORMATION**

BIODEGRADATION: Not applicable.

BIOACCUMULATION: No information is available.

AQUATIC TOXICITY: No information is available.

OTHER INFORMATION: None

**SECTION 13 – DISPOSAL CONSIDERATIONS**

DISPOSAL METHOD: Can be land-filled for cured product or burned in a chemical incinerator equipped with an afterburner and scrubber. Do not dispose the emptied container unlawfully. Observe all federal, state & local laws.

**SECTION 14 – TRANSPORT INFORMATION**

SPECIAL SHIPPING INFORMATION: None

DOT SHIPPING CLASS: Not regulated.

TDG: Not available.

PIN: Not available

**SECTION 15 – REGULATORY INFORMATION**

**Rotterdam Convention (PIC) Annex III: listed (Tributyl tin compounds (impurities) <2ppm)**

**US Regulatory Information**

OSHA 29 CFR 1910-1200

Irritant

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: Immediate (acute) health hazard

SARA (313) CHEMICALS: None

CERCLA:

NA

RCRA:

Refer to section 13

CPSC CLASSIFICATION:

NA

HMIS: FLAMMABILITY: 0 REACTIVITY: 0 HEALTH: 1

NFPA: FLAMMABILITY: 0 REACTIVITY: 0 HEALTH: 1

WHMIS CLASSIFICATION: D2B

**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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