

Material Safety Data Sheet

Section I – Chemical Product and Company Identification

Manufacturer/Supplier:

Pittsburgh Corning Corporation
800 Presque Isle Drive
Pittsburgh, PA 15239

Information Number: 724/327-6100**CHEMTREC:** 800/424-9300**Product Name:** PC® 136 ADHESIVE**Generic Name:** Cementitious Grout Material**CAS Number:** N. AP. **CAS Name:** N. AP.**NFPA HAZARD CLASS:** Health: 1 Fire: 0 Reactivity: 0**WHMIS CLASSIFICATION:** CLASS N/A Division N/A

Use: PC® 136 ADHESIVE is a cementitious product that is mixed with water to form an inorganic, noncombustible adhesive for fabricating FOAMGLAS® insulation.

Section II – Hazardous Ingredients

Section II Hazardous Ingredients	%	TLV	PEL	CAS #
Tetracalcium Silicate	40-60	30 mppcf	.10 mg/m ³	12168-85-3
Dicalcium Silicate	40-60	30 mppcf	.10 mg/m ³	10034-77-2
Tricalcium Aluminate	40-60	30 mppcf	.10 mg/m ³	12042-78-3
Tetracalcium Aluminoferrite	40-60	30 mppcf	.10 mg/m ³	12068-35-3
Calcium Sulphate	40-60	30 mppcf	.10 mg/m ³	13397-24-5

Section III – Physical Data

-Physical State at 77°F (25°C):	Solid	-Freezing Point:	N. AP.
-Boiling Point:	1598°F (870°C)	-Melting Point:	N. AP.
-Vapor Pressure (mm of Mercury):	N. AP.	-Specific Gravity	2.65
-Vapor Density (Air = 1):	N. AP.	-Percent Volatile	N. AP.
-Solubility in Water:	Slight	-Evaporation Rate	N. AP.
-Appearance and Odor:	Gray to dark gray dry powder/slight odor	-Evaporation Rate	8.9
-Odor Threshold:	Negligible	-pH:	
-Coefficient of Water/Oil	N. AV.		

Distribution:

Section IV – Fire and Explosion Hazard Data

Conditions of Flammability: N. AP.

Flash Point: N. AP.

Flammable Limits: LEL: N. AP. UEL: N. AP.
(Percent by Volume)

Auto Ignition Temperature: N. AP. **Extinguishing Media:** Not combustible, if decomposition occurs use a self contained breathing apparatus.

Special Fire Fighting Procedures: Wear self contained breathing apparatus and protective clothing.

FIRE AND EXPLOSION HAZARDS: None expected.

Hazardous Combustion Products: N/A

Explosion Data:

Sensitivity to mechanical impact: None. **Sensitivity to static discharge:** None.

Section V – Reactivity

Stability: Stable **Conditions to Avoid:** N/A

Incompatibility (Materials to Avoid): Organic and inorganic acids. Acid will react with cement and carbonates.

Hazardous Decomposition or Byproducts: N/A

Hazardous Polymerization: Will not occur. **Conditions to Avoid:** N. AP.

Section VI – Toxicological and First Aid Information

OSHA Permissible Exposure Level: See Section II.

Eye Contact: Product is alkaline and can irritate eye.

Skin Contact: Product is alkaline and can irritate skin.

Inhalation (Breathing): Product is alkaline and can irritate mucous membranes.

Ingestion (Swallowing): Seek medical attention.

Exposure Limit: ND; **Irritancy:** ND; **Sensitization:** ND; **Carcinogenicity:** See comments

Teratogenicity: ND; **Reproductive Toxicity:** ND; **Mutagenicity:** ND; **Synergistic Products:** ND

Comments:

Product is alkaline and can irritate eye, skin and mucous membranes. As per IARC continued inhalation of silica crystalline quartz over a number of years will cause lung cancer and or silicosis.

Emergency and First Aid procedures:

Eyes: Flush with potable water for 15 minutes, do not rub or apply pressure.
Consult physician or emergency medical service.

Skin: Brush off excess. Wash with soap cold water.

Inhalation: Remove victim to fresh air. If necessary, give artificial resuscitation or oxygen. Seek medical attention.

Ingestion: Seek medical attention. Do not give anything by mouth to unconscious person. Give milk or egg white beaten with water until vomit fluid is clear. If vomiting does not occur, induce vomiting.

Section VII – Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Remove all sources of ignition. Use dustless methods. Do not dry sweep. Scoop or vacuum discharge and place in dry drums. Wear proper protective clothing and equipment. All in accordance with local, state and federal government regulations. Do not wash down drains – may plug drain.

Waste Disposal Method: Dispose of in accordance with local, state and federal government regulations.

Precautions to be taken in handling and storing: Store in a cool dry or moisture free area and away from food and beverages. Keep container

closed when not in use. Wash before eating,
drinking, smoking or using toilet.

Other Precautions: KEEP OUT OF REACH OF CHILDREN. For professional use only.
Not for sale to or use by the general public.

Section VIII - Personnel Protection Information

Eye Protection: Safety glasses with sideshields or goggles recommended.

Skin Protection: Normal work clothing covering arms and legs.

Respiratory Protection: A properly fitted, MSHA/NIOSH approved (3M9900 or equivalent)
respirator is recommended.

Ventilation: Provide adequate cross air circulation. Use mechanical/local exhaust at point of use or
in confined areas.

Other Protective Clothing or Equipment: Rubber boot/foot covering, cap, chemical apron, long
sleeve impervious work clothing, barrier cream recommended.

Work/Hygienic Practices: Use good housekeeping and hygiene practices.

Special Precautions: Avoid prolonged contact with material.

Section IX – Shipping Information

DOT Hazard Class: None.

Proper Shipping Name: Cementitious grouting material

UN # N. AV.

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