

Material Safety Data Sheet

Section I - Product 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

Ingredient	CAS Number	ACGIH* TLV	OSHA** PEL	OSHA STEL	OSHA CEILING	NTP*** IARC OSHA Reg.
Tetracalcium Silicate	12168-85-3	30 mppcf	.10mg/m ³	N. AV.	N. AV.	N. AV
Dicalcium Silicate	10034-77-2	30 mppcf	.10mg/m ³	N. AV	N. AV.	N.AV
Tricalcium Aluminate	12042-78-3	30 mppcf	.10mg/m ³	N. AV	N. AV.	N.AV
Tetracalcium Aluminoferrite	12068-35-3	30 mppcf	.10mg/m ³	N. AV	N. AV.	N. AV
Calcium Sulphate	13397-24-5	30 mppcf	.10mg/m ³	N. AV.	N. AV.	N. AV

Comment: N. AV. - Not Available
N. AP. - Not Applicable

* American Conference of Governmental Industrial Hygienists.

** OSHA 29 CFR 1910.1000

*** Dangerous Properties of Industrial Materials, 7th Ed. by Sax/Lewis.
See Section VI - Toxicological and First Aid Information of this MSDS.

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	N. AP.
-Odor Threshold:	Negligible	-pH:	8.9
-Coefficient of Water/Oil Distribution:	N. AV.		

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 I - Product Identification

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.

Routes of Entry: **Inhalation:** Yes **Skin:** Yes **Ingestion:** Yes **Eye Contact:** Yes

Effects of overexposure:

Acute: **Inhalation -** Product is alkaline and can irritate mucous membranes, coughing, shortness of breath, liver effects.

Eyes - Product is alkaline and can irritate eye.

Skin - Product is alkaline and can irritate skin.

Ingestion - Seek medical attention.

IARC Cancer Review: Group 2A; Animal Sufficient Evidence; Human Limited Evidence

Medical conditions generally aggravated by exposure: None known.

Other Toxicological Properties: None known.

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: Wash with soap cold water.

Inhalation: Remove victim to fresh air. Treat symptomatically and consult physician if irritation/symptoms persist.

Ingestion: Give milk or egg white beaten with water to induce vomiting. Consult physician, emergency medical service or poison center.

Section VII - Precautions For Safe Handling and Use

Steps to be taken in case material is released or spilled: Use dustless methods. Do not dry sweep. Scoop or vacuum discharge and place in dry drums. Wear proper protection 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 approved landfill in accordance with all local, state and federal 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: Wear impervious rubber gloves.

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

Section IX - Shipping Information

DOT Hazard Class: None.

Proper Shipping Name: Cementitious grouting material

UN # N. AV.

Section X - Preparation Information

Prepared by: H. J. Patrick

Date of Revision: 7/14/98

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