

# 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:** PITTSEAL® 727 Sealant

**Generic Name:** Styrene-butadiene sealant

**CAS Number:** N. AP.      **CAS Name:** N. AP.

**NFPA HAZARD CLASS:** Health: 1    Fire: 2    Reactivity: 0

**WHMIS CLASSIFICATION:**    **CLASS B Division 3**  
    **CLASS D Division 2B**

**Use:** PITTSEAL® 727 sealant is a specially formulated styrene-butadiene rubber sealant used for sealing joints in FOAMGLAS® insulation systems, and to seal protusions and metal jacket laps.

## Section II - Hazardous Ingredients

Ingredient	CAS Number	% by WT.	ACGIH* TLV	OSHA** PEL	OSHA STEL	OSHA CEILING	NTP*** IARC OSHA Reg.
Styrene Butadiene Rubber	9003-55-8	N. AV.	N. AV.	N. AV.	N. AV.	N. AV.	Yes
*Calcium Carbonate	1317-65-3	10 - 16	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>	N. AV.	N. AV.	No
*Talc	14807-96-6	5 - 10	2 mg/m <sup>3</sup> (respirable dust)	2 mg/m <sup>3</sup>	N. AV.	N. AV.	Yes
Mineral Spirits	64742-88-7	20 - 25	100 ppm	500 ppm	N. AV.	N. AV.	No

\*(Won't be release under normal application use)

**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):	Semi-Solid	-Freezing Point:	N. AP.
-Boiling Point (Solvent):	300°F (149°C)	-Melting Point:	N. AP.
-Vapor Pressure (mm of Mercury):	2.0 @ 68°F (20°C)	-Specific Gravity (Water = 1):	1.49 - 1.55
-Vapor Density (Air = 1):	>1	-Percent Volatile (By Volume):	34 - 36
-Solubility in Water:	Insoluble	-Evaporation Rate (Butyl Acetate = 1):	Negligible
-Appearance and Odor:	Thick, white or grey semi-solid; mild odor	-Evaporation Rate (Ethyl Ether = 1):	8 times slower (mineral spirits)
-Odor Threshold:	N. AV.	-pH:	N. AP.
-Coefficient of Water/Oil Dist:	N. AV.		

**Section IV - Fire and Explosion Hazard Data**

**Conditions of Flammability:** Combustible when exposed to heat or flame.

**Flash Point:** 100°F (38°C)    **Flammable Limits:** LEL: 0.7    UEL: 6.0  
(Percent by Volume)

**Auto Ignition Temperature:** (Solvent) 540°F (282°C)    **Extinguishing Media:** Dry chemical, carbon dioxide, foam or water spray.

**Special Fire Fighting Procedures:** Do not use water except as fog. Water or foam may cause frothing if product is heated above 200°F (93°C). Self-contained breathing apparatus operated in pressure demand or other positive pressure mode is required for fire fighting personnel.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Solvent vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

**Hazardous Combustion Products:** Closed containers may explode when exposed to extreme heat.

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

**Section V - Reactivity Data**

**Stability:** Stable    **Conditions to Avoid:** Store away from excessive heat and flame.

**Incompatibility (Materials to Avoid):** Strong oxidizing agents, acids, and bases.

**Hazardous Decomposition or Byproducts:** Thermal decomposition may produce carbon dioxide, carbon monoxide, aldehydes and various hydrocarbons during combustion.

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



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**Section VIII - Personnel Protection Information**

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**Eye Protection:** Safety glasses with sideshields or goggles is recommended.

**Skin Protection:** Nitrile rubber gloves, normal work clothes with long-sleeved shirt.

**Respiratory Protection:** None normally required. Organic vapor respirator (3M #17-674) if excess fumes are present.

**Ventilation:** None normally required. Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below the TLV of 100 ppm.

**Other Protective Clothing or Equipment:** None.

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

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**Section IX - Shipping Information**

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**DOT Hazard Class:** Combustible liquid, N.O.S. DOT label - None  
Class 3.3

**Proper Shipping Name:** Combustible Liquid

**UN #** 1993

**IATA Hazard Class:** Flammable Liquid, N.O.S. Class 3.3

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**Section X - Preparation Information**

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**Prepared by:** H. J. Patrick

**Date of Revision:** 1/29/99

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