

Material Safety Data Sheet

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PITTSEAL® 727 sealant

Manufacturer/Supplier:

Pittsburgh Corning Corporation
800 Presque Isle Drive
Pittsburgh, PA 15239

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

Generic Name: solvent based sealant - caulk

NFPA HAZARD CLASS: Health: 1 Fire: 2 Reactivity: 0 PPE: B

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

General Comments

General information and emergency information available 8:00 AM – 5:00 PM ET 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.

NA = Not Applicable or Not Available

NE = not established

SECTION 2 – HAZARDOUS INGREDIENTS

EXPOSURE LIMITS

Ingredient	% by weight	TLV	PEL	CAS number
Mineral Spirits	25-40	100.00 PPM	100.00 PPM	64742-48-9

Ingredient Notes:

Remaining ingredients are not considered OSHA hazardous.

SECTION 3 – HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Eyes: Can cause irritation, redness, tearing and blurred vision.

Skin: Prolonged or repeated contact can cause moderate irritation, defatting, and dermatitis.

Inhalation: Excessive inhalation of vapors can cause respiratory irritation, headache, drowsiness and fatigue. High concentrations of vapors are anesthetic and may cause central nervous system effects such as dizziness.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

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TARGET ORGANS

Normal Exposure -- Mineral Spirits : Skin, Eyes
- Titanium Dioxide: Skin, Eyes, Lung
Overexposure -- Mineral Spirits : Central Nervous System

CARCINOGENICITY

NTP? N/E | IARC Monographs? N/E | OSHA? No

Chronic Health Effects: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system, liver or kidney damage and mucous membrane irritation. INTENTIONAL misuse of this product by deliberately inhaling vapors may be harmful or fatal.

SECTION 4 – FIRST AID MEASURES

Inhalation: Move affected person to fresh air; if breathing is difficult, administer oxygen; if breathing has stopped, give artificial respiration. Get medical attention.

If in eye: Flush eyes gently with water for at least 15 minutes lifting eyelids occasionally; get prompt medical attention.

Skin: Wash thoroughly with soap and water; apply a mild skin cream. Remove contaminated clothing.

Ingestion: DO NOT INDUCE VOMITING! Get immediate medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

Flammability Class II

Flash Point: 105°F (40.56°C) Tag Closed Cup

Explosive Range (LEL/UEL): 0.9% / 6%

Extinguishing Media: Carbon dioxide, dry chemical, foam. Use water to cool material in vicinity of fire.

Special Fire Fighting Procedures: Use self-contained breathing apparatus with full facepiece operated in pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards: Water may be unsuitable except as a cooling agent. Use fog nozzle. Any closed container may rupture when exposed to extreme heat. Solvent vapors are heavier than air and travel along the ground.

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Eliminate all ignition sources. Ventilate confined areas. (Open windows and doors). Wear appropriate protective clothing. Cover with absorbent. Scoop into sealable safety container.

Waste Disposal Method: Dispose of following local, state, and federal regulations.

SECTION 7 – HANDLING AND STORAGE

Keep away from heat, spark and flame. Keep out of reach of children. Keep container closed while not in use. Do not cut or burn receptacles that have contained a solvent based product. Do not reuse this container. Use only in a well ventilated area.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: If TLV of the product is exceeded, a NIOSH/MSHA jointly approved air supply respirator is advised in the absence of proper ventilation. OSHA regulations also permit the use of other types of NIOSH/MSHA respirators under specified conditions. (See your safety equipment supplier for more information.)

Eye Protection: Chemical goggles or safety glasses should be worn.

Protective Clothing: Rubber gloves should be worn where skin contact is likely. Wear impervious clothing and shoes.

Ventilation: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV. Ventilate during application and curing of this product.

HANDLING AND STORAGE PRECAUTIONS:

Keep away from heat, spark, and flame.

Keep out of reach of children.

Keep container closed while not in use.

Do not cut or burn receptacles that have contained a solvent based product. Do not reuse this container.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: non-sag, past-like caulk	Color: Various colors
Odor: mild mineral spirits	Odor threshold: NE
Boiling Point (°F.): 300°F to 310°F (148.9°C to 154.4°C)	Specific Gravity (H ₂ O = 1): 1.321
Vapor Pressure (MM Hg): 10.0 @ 77°F (25°C)	Percent Volatile By Weight (%): 29
Vapor Density (Air = 1) heavier than air	pH: NA
Solubility in Water: insoluble	Freezing/melting range: NA
Evaporation Rate: 0.08 times slower than n-Butyl Acetate	VOC: <390g/l (29%) (less H ₂ O or exempt)

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SECTION 10 – STABILITY AND REACTIVITY DATA

Stability: Stable.

Incompatibility: Keep away from strong oxidizing agents such as bleach.

Hazardous Decomposition: Will produce fumes and smoke containing carbon monoxide and dioxide under fire conditions.

Hazardous Polymerization: Will not occur.

SECTION 11 – TRANSPORT INFORMATION

DOT Proper Shipping Name - Ground Transport:

Less than 1.32 Gallon Containers -

Proper Shipping Name: Consumer Commodity
Classification: ORM-D
DOT Label: ORM-D
Shipping Document: Consumer Commodity
ERG Code: 171

Greater than 1.32 Gallon (5L)
 Containers -

Proper Shipping Name: Adhesive
Classification: Class 3
DOT Label: Flammable Liquid, UN 1133, Class 3
Shipping Document: Adhesive, 3, UN 1133, PG III,
ERG Code: 128

DOT Proper Shipping Name - Air Transport:

Less than 1.32 Gallon Containers -

Proper Shipping Name: Consumer Commodity
Classification: ORM-D
DOT Label: ORM-D-AIR
Shipping Document: Consumer Commodity, ORM-D
ERG Code: 171

1.32 Gallon (5L) or Larger Containers -

Proper Shipping Name: Adhesive
Classification: Class 3
DOT Label: Flammable Liquid, UN 1133, Class 3
Shipping Document: Adhesive, 3, UN 1133, PG III,
ERG Code: 128

Air Transport (IATA) – International:

Less than 1.32 Gallon Containers-

Proper Shipping Name: Consumer Commodity
Classification: Class 9
Label: ID8000
Shipping Document: Consumer Commodity, 9, ID8000
ERG Code: 9L

1.32 Gallon (5L) or Larger Containers -

Proper Shipping Name: Adhesive
Classification: Class 3
Label: Flammable Liquid, UN 1133, Class 3
Shipping Document: Adhesive, 3, UN 1133, PG III,
ERG Code: 3L

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Marine – Ocean Transport (IMDG)

Less than 1.32 Gallon Containers-

Proper Shipping Name:	Adhesive
Classification:	Class 3
Label:	Flammable Liquid, UN 1133, Class 3, Ltd. Qty.
Shipping Document:	Adhesive, 3, UN 1133, PG III, Ltd. Qty.
EMS Code:	F-E, S-D

1.32 Gallon (5L) or Larger Containers -

Proper Shipping Name:	Adhesive
Classification:	Class 3
Label:	Flammable Liquid, UN 1133, Class 3
Shipping Document:	Adhesive, 3, UN 1133, PG III
EMS Code:	F-E, S-D

SECTION 11 – REGULATORY INFORMATION

WHMIS IDENTIFICATION/OTHER INTERNATIONAL REGULATIONS

CLASS B Division 3

CLASS D Division 2B

This material fits the EPA Hazard Category definition of Immediate (Acute) and Delayed (Chronic) Health Hazards under SARA Sections 311, 312.

Chemical substances are TSCA listed.

Section 313: Ingredients: None above the de minimis reporting thresholds.

California Ingredients Proposition 65: None Known

SECTION 12 – ADDITIONAL INFORMATION

For INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

ABBREVIATIONS:

ACGIH = American Conference of Governmental Industrial Hygienists

HMIS = Hazardous

Material Information System

IARC = International Agency for Research on Cancer
Protection Association

NFPA = National Fire

NTP = National Toxicology Program
Health Administration

OSHS = Occupational Safety and

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