

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

Product Name: Anti-Abrasive 2A Coating Generic Name: Varnish

CAS Number: N. AV. CAS Name: N. AV.

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

WHMIS CLASSIFICATION: CLASS B Division 2B

Use: Bore coating or anti-abrasion coating on insulation.

(PIN): N. AV.

Section II - Hazardous Ingredients

Ingredient	CAS Number	% by Vol.	% by Wt.	ACGIH TLV	OSHA PEL	NTP IARC OSHA Reg.	Toxicity* Data
Mineral Spirits	8052-41-3		<55	100 ppm	100 ppm	NA	LCL ₀ 10g/m CAT/ihl/2.5H
Synthetic & Oleo Resins**			<50	NA	NA	NA	NA

*Dangerous Properties of Industrial Materials, Seventh Edition by N. Irving Sax and Richard J. Lewis, Sr.

**The specific chemical identity has been withheld as a trade secret and is not considered hazardous as so defined in 29 CFR 1910.1200 (The Hazardous Communication Standard).

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

Section III - Physical Data

Physical State at 77°F (25°C):	Liquid	Freezing Point:	N. AV.
Boiling Point:	300°F (149°C)	Melting Point:	N. AV.
Vapor Pressure (mm of Mercury):	2 @ 20°C	Specific Gravity (Water = 1):	0.88
Vapor Density (Air = 1) 4		Percent Volatile (By volume):	60
Solubility in Water:	Negligible	Evaporation Rate (Butyl Acetate = 1):	<1
Appearance and Odor:	Thin yellow syrup with varnish odor	Evaporation Rate (Ethyl Ether = 1):	N. AV.
Odor Threshold:	N. AV.	pH	N. AV.
Coefficient of Water/Oil Distribution: N. AV.			

Section IV - Fire and Explosion Hazard Data**Conditions of Flammability:**

Flash Point: 100°F (37.7°C) ASTM-93 Flammable Limits: LEL 1.0 UEL 6.0
(Percent by Volume)

Auto Ignition Temperature: (Solvent) 450°F (232°C)

Extinguishing Media: Carbon dioxide, dry chemical, foam

Special Fire Fighting Procedures: Self-contained breathing apparatus with a full face piece operated in pressure demand or other positive pressure mode is required for fire fighting personnel.

Unusual Fire and Explosion Hazards: None

Hazardous Combustion Products: (Thermal) carbon monoxide, carbon dioxide, hydrocarbon species

Explosion Data: Sensitivity to Mechanical Impact None
Sensitivity to Static Discharge None

Section V - Reactivity Data

Stability: Stable Conditions to Avoid: Store away from ignition sources and heat.

Incompatibility (Materials to Avoid): Strong oxidizing agents

Hazardous Decomposition or Byproducts: (Thermal) carbon monoxide, carbon dioxide, hydrocarbon species

Hazardous Polymerization: Will not occur Conditions to Avoid: None

Section VI - Toxicological and First Aid Information

Threshold Limit Value: See Section II

Routes of Entry: Inhalation? Yes Skin? Yes Ingestion? Unlikely Eye Contact? Unlikely

Effects of overexposure:

Acute - Inhalation: Can cause nasal & respiratory irritation, headache, dizziness & nausea. Prolonged or repeated contact may lead to loss of appetite and nose bleeds.

Skin: Irritation, rash.

Ingestion: Maybe harmful, nausea, irritation or mouth, throat or GI tract. Note: aspiration into lungs can cause chemical pneumonitis.

Eyes: irritation

Chronic - None known

Exposure limits: See Section II

Medical conditions generally aggravated by exposure: The solvent system of this product may aggravate pre-existing disorder. Prolonged observation may be indicated.

Other Toxicological Properties: None known.

Emergency and first aid procedures:

Eyes: Flush with potable water for 15 minutes. Consult physician or emergency medical service.

Skin: Wash with soap and water. Remove contaminated clothing and do not reuse until laundered. If irritation occurs or persists, consult a physician.

Inhalation: Remove to fresh air. If breathing is labored, give oxygen. If breathing has stopped, apply artificial respiration. Call emergency medical service immediately.

Ingestion: Do not induce vomiting. Call poison center, emergency medical service or physician immediately.

Section VII - Precautions For Safe Handling And Use

Steps to be taken in case material is released or spilled: Extinguish all sources of ignition, ventilate area, absorb in inorganic absorbant and place in closed metal containers.

Waste Disposal Method: Incinerate or dispose of in accordance with local, state and federal regulations.

Precautions to be taken in handling and storing: Store in a cool area for combustible materials. Do not weld or flame cut empty pails. Do not heat directly with flame.

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 side shields. Chemical safety goggles if splashing may occur or if working overhead.

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

Respiratory Protection: Not normally required. NIOSH approved self-contained breathing apparatus operated in pressure demand mode in closed areas.

Ventilation: Normal mechanical if working indoors.

Other Protective Clothing or Equipment: Eye wash and safety shower.

Work/Hygienic Practices: Use good housekeeping and work hygiene practices. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse.

Section IX - Shipping Information

Dot Hazard Class: Varnish, combustible liquid

Proper Shipping Name: Varnish

UN # 1263; Class 3.3; Packaging Group: III

Label: No label by land. International, flammable liquid.

Section X - Preparation Information

Prepared by: H. J. Patrick

Date of Revision: 3/8/99

While the information and recommendations set forth herein are believed to be accurate, Pittsburgh Corning Corporation makes no warranty with respect thereto, and disclaims all liability from reliance thereon.