

MATERIAL SAFETY DATA SHEET

SECTION I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PITTCOTE® 300 finish (Spray or Trowel Grade)

Manufacturer/Supplier:
Pittsburgh Corning Corporation
800 Presque Isle Drive
Pittsburgh, PA 15239

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

Synonyms: Petroleum Asphalt Mastic
Description: Black asphalt mastic, hydrocarbon solvent odor

HMIS HAZARD CLASS: Health: 2 Fire: 2 Reactivity: 0
Hazard scale: 4=extreme, 3=high, 2=moderate, 1=slight, 0=minimal

Use: PITTCOTE® 300 finish is a vapor and weather barrier asphalt coating especially formulated for use with FOAMGLAS® insulation in the low to moderate temperature range

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 NE = not established UN = unavailable

SECTION 2 – HAZARDOUS INGREDIENTS

INGREDIENTS	CAS Number	% by Weight	ACGIH TLV	OSHA PEL
Asphalt, Oxidized	64742-93-4	40-60	0.5 mg/m ³	5 mg/m ³
Stoddard Solvent	8052-41-3	20-40	100 ppm	500ppm
Limestone	1317-65-3	5-15	10 mg/m ³	15 mg/m ³
Cellulose	9004-34-6	<10	15 mg/m ³	10 mg/m ³
Fullers Earth	8031-18-3	<10	5 mg/m ³ *	NE
Emulsifiers	61789-77-3	<1	NE	NE

*Supplier Recommendation.

NA = Not Applicable NE = Not Established UN = Unavailable

SECTION 3 – PHYSICAL DATA

Appearance:	Black asphalt mastic	Color:	Black
Odor:	Hydrocarbon solvent odor	Odor Threshold:	NE
Solvent Boiling Point (°F.):	300-360	Specific Gravity (H₂O = 1):	0.9 – 1.1
Vapor Pressure (mm Hg):	26 at 100°F	Percent Volatile By Volume (%)	41 - 47%
Vapor Density (Air = 1):	4+	pH:	N/A
Solubility In Water:	Nil	Freezing/Melting Range:	NE
VOC (lbs/gal):	2.75 -3.25	Evaporation Rate (BuAC = 1):	0.19

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Eyes: Flush with large amounts of water for at least fifteen (15) minutes, SEEK MEDICAL ATTENTION.

Skin: Do not try to dissolve with solvent or thinners, wash with soap and water. For severe exposure, get under safety shower after removing clothing, and then SEEK MEDICAL ATTENTION. For lesser exposures, seek medical attention if irritation develops or persists after the area has been washed.

Ingestion: DO NOT INDUCE VOMITING, because of danger of aspiration into lungs, causing serious damage and chemical pneumonitis. If spontaneous vomiting occurs keep head below hips to prevent aspiration into lungs, and monitor breathing difficulty. SEEK MEDICAL ATTENTION.

Inhalation: Move to fresh air. Administer oxygen or artificial respiration as needed. SEEK MEDICAL ATTENTION.

SECTION 6 – REACTIVITY DATA

Stability: Normally stable. Hazardous polymerization will not occur. Material is combustible and should be stored away from excessive heat and open flames.

Incompatibility: Do not store near Strong oxidants

Hazardous Decomposition Products: Under fire conditions- May produce toxic materials; carbon dioxide and monoxide, oxides of sulfur, H₂S, and other decomposition products, in the case of incomplete combustion.

SECTION 7 – SPILL OR LEAK PROCEDURES

Procedures: Shut off sources of ignition. Shut off leak, if possible without risk. Take up with sand or other non-combustible, absorbent material.

Waste Disposal Method: Dispose of material in accordance with federal, state and local regulations. Before attempting clean up, refer to hazardous information listed on this sheet.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory: Self-contained, positive-pressure breathing apparatus when used in confined or enclosed space or when exposure limits are exceeded or hydrogen sulfide level is unknown or exceeds 20 ppm. Organic vapor respirators can be used with good ventilation when organic vapors are less than 1000 ppm or ten (10) times permissible exposure limit, which ever is less. For emergency or non-routine operations (cleaning spills etc.) wear a SCBA. Warning Air Purifying respirators do not protect workers in oxygen-deficient atmospheres. If respirators are used, OSHA requires a written respiratory protection program that includes: procedures for selecting respirators, medical evaluations, fit testing, use in routine and emergency situations, cleaning, disinfecting, storing, inspecting, and maintaining respirators, breathing air quality, quantity and flow, training in respiratory hazards, and evaluation of effectiveness of respiratory program.

Eyewear: Chemical type goggles or face shield should be worn.

Clothing/Gloves: Use chemical resistant gloves to avoid prolonged or repeated contact.

Ventilation: General mechanical with local exhaust; sufficient to maintain exposure levels below recommended ACGIH TLVs and OSHA PELs.

Contaminated Clothing: Launder or dry-clean contaminated clothing before reuse.

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Hygiene: Never eat, drink or smoke in work areas. Practice good hygiene after using this material, especially before eating, drinking and smoking.

SECTION 9 – SPECIAL PRECAUTIONS

Handling Procedures: Stay upwind to avoid vapors. Do not store near open flames. Ground lines and equipment used during transfer.

Storage Requirements: Do not store near strong oxidants and avoid water contamination

SECTION 10 – REGULATORY

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR372:

<u>CAS#</u>	<u>Chemical Name</u>	<u>% by Weight</u>
NA		

CALIFORNIA PROPOSITION 65 INFORMATION: Warning! This product contains substances known to the State of California to cause cancer, birth defects and other reproductive harm.

SECTION 11 – TRANSPORTATION INFORMATION

DOT name (by land) Tars, Liquid
IATA name (by air) Tars, liquid
DOT HAZARD CLASS: 3
DOT ID No.: UN 1999
DOT Packing Group: III
Hazard Label: Flammable Liquid
IATA Special Provisions: None
IMO Special Provisions: None.

SECTION 12 – DISPOSAL CONSIDERATIONS

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

Containers cleaning and Disposal: "Empty" Container Warning: "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death.

SECTION 13- TOXICOLOGICAL INFORMATION

Carcinogenicity: There is inadequate evidence that bitumens alone are carcinogenic to humans. There is sufficient evidence for the carcinogenicity of extracts of steam-refined bitumens, air-refined bitumens, and pooled mixtures of steam- and air-refined bitumens in experimental animals. There is inadequate evidence for the carcinogenicity of undiluted air-refined bitumens in experimental animals. There is limited evidence for

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the carcinogenicity of undiluted steam-refined bitumens and for cracking-residue bitumens in experimental animals. (bitumens)

IARC-3

Asphalt:

Toxicity by ingestion: Grade 1; LD50 5 to 15 g/kg.

Skin-Mouse TDLo:130 g/kg/81W-I:Carcinogenic effects Hygiene and Sanitation: English Translation of Gigiena Sanitariya. (Springfield, VA) V.29-36, 1964-71. Discontinued HYSAAV 33(4-6),180,68

Skin-Mouse TD:69 g/kg/43W-I:Equivocal tumorigenic agent Hygiene and Sanitation: English Translation of Gigiena Sanitariya. (Springfield, VA) V.29-36, 1964-71. Discontinued HYSAAV 33(4-6),180,68

Intramuscular-Rat TDLo:5400 mg/kg/24W-I:Neoplastic effects Archives of Pathology. (American Medical Association., 535 N. Dearborn St., Chicago, IL 60610) V.5, No. 3-V.50, No. 3, 1928-50; V.70-99, 1960-75ARPAQ 70,372,60

Skin-Mouse TDLo:905 g/kg/2Y-I:Neoplastic effects Journal of the Madras Agricultural Students' Union. (Madras Agricultural Journal, Tamil Nadu Agricultural University Campus, Coimbatore 641003, India) V.1-16, 1912-28JMSUAT 34,255,65

Intramuscular-Mouse TDLo:12 g/kg/12W-I:Neoplastic effects Archives of Pathology. (American Medical Association., 535 N. Dearborn St., Chicago, IL 60610) V.5, No. 3-V.50, No. 3, 1928-50; V.70-99, 1960-75ARPAQ 70,372,60

Stoddard Solvent:

Eye effects-Human 470 ppm/15M Toxicology and Applied Pharmacology. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1959-TXAPA9 32,282,75

Inhalation-Cat, adult LCLo:10 g/m³/2.5H Toxicology and Applied Pharmacology. (Academic Press, 111 5th Ave., New York, NY 10003) V.1- 1959-TXAPA9 32,282,75

SECTION 14 - ECOLOGICAL INFORMATION**Ecotoxicity :**

Effect of low concentrations on aquatic life is unknown.

FOULING TO SHORELINE.

May be dangerous if it enters water intakes.

Notify local health and pollution control officials.

Notify operators of nearby water intakes.

Asphalt can have disastrous effects on bottom life.

SARA 311/312 Codes (40 CFR 370 / 29 CFR 1910.1200): Fire Yes

Pressure No

Reactivity No

Immediate (acute) Yes

Delayed (chronic) Yes

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): None

TSCA (40 CFR 710): All components of this product are listed on the TSCA Inventory.

State Regulations: The following chemicals are specifically listed by individual states, for details on each states regulatory requirements you should contact the appropriate agency in that state.

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Compound	CAS Number	States
Asphalt Fumes	8052-42-4	CA, CA65, MA, TX, FL, IL, PA
Asphalt, Oxidized	64742-93-4	
Stoddard Solvent	8052-41-3	CA1, CA2, MA, FL, IL, PA, TX
Limestone	1317-65-3	CA2, MA, PA, TX
Cellulose	9004-34-6	CA2, MA, IL, PA, TX
Fullers Earth	8031-18-3	
Emulsifiers	61789-77-3	

CA – CALIFORNIA STATE SUPERFUND HAZARDOUS SUBSTANCE
 CA1-CALIFORNIA OSHA DIRECTORS LIST OF HAZARDOUS SUBSTANCES
 CA2-CALIFORNIA OSHA WORKPLACE AIRBORNE CONTAMINANTS
 CA65 – CALIFORNIA PROPOSITION 65 CARCINOGENS OR REPRODUCTIVE TOXINS
 MA – MASSACHUSETTS SUBSTANCE LIST
 TX – TEXAS AIR CONTAMINANTS WITH HEALTH EFFECTS SCREENING LEVEL
 FL – FLORIDA TOXIC SUBSTANCE LIST
 IL – TOXIC SUBSTANCE DISCLOSURE TO EMPLOYEES LIST
 PA – PENNSYLVANIA HAZARDOUS SUBSTANCE LIST

SECTION 15 – OTHER INFORMATION

ABBREVIATIONS:

ACGIH = American Conference of Governmental Industrial Hygienists	HMS = Hazardous Material Information System
IARC = International Agency for Research on Cancer	NFPA = National Fire Protection Association
NTP = National Toxicology Program	OSHS = Occupational Safety and Health Administration

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