Material Safety Data Sheet

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PITTCOTE® 300 Finish (spray grade)

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

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

Issue Date: August 2, 2001 revision 1

Generic Name: petroleum hydrocarbon, asphalt cutback

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 – INGREDIENTS AND HAZARDS

Ingredient Name	CAS Number	Percent	Exposure Limits
Asphalt, Oxidized	64742-93-4	40-60	TLV 0.5 mg/m^3
Stoddard Solvent	8052-41-3	20-40	TLV 100 ppm PEL 500 ppm PEL 2900 mg/m^3
Calcium Carbonate (Limestone)	1317-65-3	5-20	TLV 10 mg/m^3 PEL 15 mg/m^3 total dust PEL 5 mg/m^3 respirable fraction
Cellulose	9004-34-6	<10	TLV 10 mg/m^3 PEL 15 mg/m^3 total dust PEL 5 mg/m^3 respirable fraction
Fullers Earth	8031-18-3	<10	5 mg/m^3 *
Emulsifiers	6l789-77-3	<1	NE

* supplier recommendation
NFPA HAZARD Rating: Health: 2 Fire: 2 Reactivity: 0
Hazard scale: 4=extreme, 3=high 2=moderate, 1=slight, 0=minimal

SECTION 3 – PHYSICAL DATA

Appearance & Odor: Black asphalt mastic; hydrocarbon solvent odor

Boiling point	300-360°F	Evaporation rate:	(Butyl
Vapor pressure:	26 mmHg @ 100°F		Acetate = 1)
Water Solubility (%):	Negligible		0.19
Vapor density (air = 1):	4+	Specific gravity (H_20 = 1)	1: 024
		% volatile by volume:	46

SECTION 4 – FIRE AND EXPLOSION DATA

Flash Point (method): 102°F (PMCC) Limits: LEL %: 0.5 UEL %: 6.0

Extinguishing Media: Extinguish with dry chemical, CO_2, foam, and water fog. Solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water. Apply water from as great a distance as possible. Water or foam may cause frothing. Keep run off water out of sewers and water sources. Minimize breathing of gases, vapor, fumes, or decomposition products. Use self contained breathing of gases, vapor, fumes, or decomposition products. Use self contained breathing apparatus for enclosed or confined spaces or as otherwise needed.

Unusual fire or explosion hazards: Do not store near strong oxidants or open flame.
Smoke from fire may be hazardous.

SECTION 5 – REACTIVITY DATA

Material is stable. Hazardous polymerization will not occur.

Chemical incompatibilities: Do not store near strong oxidants.

Hazardous decomposition products: Under fire conditions – may form toxic materials; carbon dioxide and monoxide, oxides of sulfur, H_2S, and other decomposition products, in the case of incomplete combustion.

SECTION 6 – HEALTH HAZARD INFORMATION

Summary of risks: This product is an irritant, a skin hazard, an eye hazard, and a toxic agent.

Target organs: Blood, Nervous System, Lungs, Kidneys

Signs & symptoms of overexposure:

Eye contact: Irritation
Skin Contact: Irritation and dermatitis
Inhalation: Dizziness, headaches, nausea and respiratory irritation

First aid:
Eye contact: Flush with water. CONTACT PHYSICIAN.
Skin contact: Wash with soap and water.
Inhalation: Move to fresh air. Use artificial respiration if necessary. CONTACT PHYSICIAN.

SECTION 7 – SPILL, LEAK AND DISPOSAL PROCEDURES

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

Waste management/Disposal: Dispose of at an approved site, complying with all federal, state and local regulations.

"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. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

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

Personal protective equipment:

Goggles: Chemical-type goggles or face shield.

Gloves: Yes, impervious in nature.

Respirator: Self-contained, positive-pressure breathing apparatus when used in confined or enclosed space or when exposure limits are exceeded or hydrogen sulfide 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.

Other: None

Workplace considerations:

Ventilation: General mechanical with local exhaust; sufficient to maintain exposure levels below recommended TLV.

SECTION 9 – SPECIAL PRECAUTIONS

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

Special handling/storage: Stay up wind to avoid vapors and do not store near flame.

Other precautions: While OSHA does not require labeling of this product, good hygiene should be practiced when handling any petroleum product. The International Agency for Research on Cancer

(IARC) states that there is inadequate evidence that petroleum bitumens alone are carcinogenic to humans. However, it states that extracts of steam-refined petroleum bitumens, air-refined petroleum bitumens, and pooled mixtures of steam and air-refined petroleum bitumens have caused tumors in experimental animals (mice) when painted on the animals frequently over long periods of time

SECTION 10 – TRANSPORTATION INFORMATION

DOT name (by land) not applicable IATA name (by air) tars, liquid
DOT HAZARD CLASS: combustible liquid by land/ flammable liquid by air
Domestic land: no label required

ICAO, IATA, UN: Asphalt cutback or tars liquid, flammable liquid, UN 1999.
IATA Class 3 Flammable liquid label required
IMDG Class 3.3 Flammable liquid and Marine Pollutant label required.

SECTION 11 – OTHER INFORMATION

FOR PROFESSIONAL USE ONLY. KEEP OUT OF CHILDREN'S REACH.

"THE DATA INCLUDED HEREIN ARE PRESENTED IN ACCORDANCE WITH VARIOUS ENVIRONMENT, HEALTH AND SAFETY REGULATIONS. IT IS THE RESPONSIBILITY OF A RECIPIENT OF THIS DATA TO REMAIN CURRENTLY INFORMED ON CHEMICAL HAZARD INFORMATION, TO DESIGN AND UPDATE ITS OWN PROGRAM AND TO COMPLY WITH ALL NATIONAL, FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS APPLICABLE TO SAFETY, OCCUPATIONAL HEALTH, RIGHT-TO-KNOW AND ENVIRONMENTAL PROTECTION."

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