



PACKAGE PAVEMENT

P.O. BOX 408
STORMVILLE, NY 12582

EMERGENCY TELEPHONE #
(800) 724-8193

**MATERIAL SAFETY DATA SHEET
[OSHA 29 CFR 1910.1200]**

INFORMATION TELEPHONE #
(845) 221-2224

REVISION: JANUARY 2007

MSDS PP

SECTION I: PRODUCT IDENTIFICATION

PACKAGE PAVEMENT™ - PRODUCT NAME

PLUG-R® PERMANENT ASPHALT PLUGS



ITEM CODE(s)#

(3/4")	106050
(7/8")	106100
(1-1/8")	106150
(1-1/4")	106200
(1-1/2")	106300
(1-3/4")	106400

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS No.	PEL (OSHA) mg/M³	TLV (ACGIH) mg/M³
Petroleum Asphalt Fume	8052-42-4	Not Established (1)	5mg/M ³

(1) In 1997 the ACGH proposed lowering the exposure limit for petroleum asphalt to 0.5 mg/M³.

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: (1) 500 F (260 C)	Specific Gravity: .98
Vapor Pressure: -----	Melting Point: (1) 200 F (93 C)
Solubility in Water: None	Evaporation Rate: None
Appearance and Odor: Black solid material with a hydrocarbon odor which diminishes over time.	
(1) Properties of asphalt portion of the product.	

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 400 F+ (204 C) Minimum - (Cleveland Open Cup Method Used)

Flammable Limits: 600 F (316 C) **LEL:** N/A **VEL:** N/A

Extinguishing Media: Foam, Dry Chemical CO₂ Fire Extinguishers or water fog.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: If PLUG-R® 's are involved in a fire, do not use water or liquid as this can cause eruptions of the hot asphalt material.

SECTION V: REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to Avoid): Do not allow hot molten product to contact water or liquids as this can cause violent eruptions.

Hazardous Decomposition or By-products: CO, CO₂ oxides of sulfur and various hydrocarbons.

Hazardous Polymerization: Will not occur



SECTION VI: HEALTH HAZARD DATA

Routes of Entry (Only During a Fire):

Inhalation?	N/A
Skin?	N/A
Ingestion?	N/A

Health Hazard Data

Carcinogenicity: No association has been established between industrial exposure to petroleum asphalt and cancer in humans. The International Agency for Research on Cancer (IARC) reviewed the carcinogenic potential for asphalts in monograph 35. They concluded that there was insufficient evidence that undiluted, air-refined asphalt was carcinogenic to animals, while there was only limited evidence that steam-refined asphalts were carcinogenic to animals. Additionally there was insufficient evidence to conclude that asphalts were carcinogenic to human beings. Studies in which mice were exposed to a variety of whole asphalts did not result in an increased cancer rate; mice exposed to asphalts diluted with hydrocarbon solvents had increased incidence of certain types of cancer. Brief or intermittent skin contact with this asphalt is not expected to produce any delayed effects.

Signs and Symptoms of Exposure: Upper respiratory tract; eye and skin irritation.

Medical Conditions Generally Aggravated by Exposure: N/A

Emergency and First Aid Procedure: N/A for normal usage of product.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Dispose in regular garbage or return to manufacturer for re-use.

Waste Disposal Method: Follow local municipal laws.

Precautions to be Taken in Handling and Storage: Store out of hot sun because of possible softening or distortion of plugs.

Other Precautions: N/A

SECTION VIII: CONTROL MEASURES

Respiratory Protection: None Required.

Ventilation (Local Exhaust): Ambient

Protective Gloves: Rubber gloves to prevent blisters.

Eye Protection: Use OSHA approved protection glasses especially when hammering the PLUG-R® into place.

Other Protective Clothing or Equipment: N/A

Work/Hygienic Practices: Normal washing with soap and water after handling.

NOTE: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein.