



**Material Safety Data Sheet
(OSHA 29 CFR 1910.1200)**

SECTION I PRODUCT IDENTIFICATION

MANUFACTURER/DISTRIBUTOR: Paragon Building Products, Inc. 2895 Hamner Avenue Norco, CA 92860	TRANSPORT EMERGENCY TELEPHONE #: (626) 333-2217 INFORMATION TELEPHONE NUMBER: (626) 333-2217 / (951) 5491155
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**Product Use: COLD PATCH REPAIR MATERIAL
FOR ASPHALT**

**Revision: August 2008
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**PRODUCT NAME:
BLACKTOP & ASPHALT PATCH**

SECTION II COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description	Chemical Name (Common)	Occupational Exposure Limits
Stone/Aggregate	Aggregate	Not Applicable
Sand	Silicates	15 mg/M3 as TWA's (OSHA)
Asphalt (Petroleum)	Petroleum Asphalt (as Fumes)	5 mg/M3 TWA's (OSHA)
Limestone Powder	Calcium Carbonate	15 mg/M3 as TWA's (OSHA)
Hydrocarbon Oil	Petroleum Distillates (as Naptha)	2,000 mg/M3 as TWA's (OSHA)

The listed chemical components and associated exposure limit should be utilized as guidelines only. Specific applications and/or batches may include additional trace materials (due to the recycled component) that are not listed here.. However, the cohesive nature and low volatility of the product beneficially limits potential occupational inhalation exposure to listed and/or additional trace components. Inherent in this product formulation is the nature of airborne particulate components to agglomerate which significantly reduces its ability to create respirable fraction particulates.

SECTION III- PHYSICAL PROPERTIES

Physical Description: Product virtually odorless, black in color and consist of a heavy black mixture blended with small stones and gravel.

Testing Procedure(s)	JIS K207 observation	Melting Point:	N/A
Vapor Pressure:	N/A	Evaporation Rate:	Negligible
Flash Point:	364*C (Cleveland Open Cup)	Specific Gravity:	N/A
True Density: (13* g/cm2)	1.037	Volatile Characteristic:	None
Penetration: (25*C 1/10mm)	67	Stability: Stable under normal condition	
Toluene Solubility:	99.98%		
Kinematic Viscosity: (mm2/g) (993 @ 130*C), (226 @ 150*C) and (76.1 @ 180*C)			



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SECTION IV – FIRE AND EXPLOSION HAZARD DATA

This product is not considered to be flammable or explosive. In the presence of a direct flame, the product may support combustion. Extinguishing agents may be used that are suitable to the surrounding fire such as water, foam carbon dioxide, or dry chemical.

Firefighters should use self-contained breathing apparatus since carbon monoxide, carbon dioxide and irritating gasses and/or aerosols may be created as result of incomplete combustion of this product or surrounding materials.

SECTION V REACTIVITY DATA

This product is considered to be a stable material and chemical reactivity is not anticipated during normal use. Hazardous polymerization will not occur.

Avoid strong oxidizing agents. Such components may result in an exothermic (heat generating) reaction.

This product contains petroleum distillates and is combustible; therefore avoid excessive heat which may results in vapor or mists. Incomplete combustion will produce carbon monoxide.

SECTION VI – HEALTH HAZARD INFORMATION

Potential Health Effects:

EYES: Based on the known toxicity of the ingredients, this product is not expected to cause prolonged or significant eye irritation. However, because the product does contain small particulate matter (i.e. sand) physical irritation may occur as associated with any foreign body in the eye.

Skin: This product is not expected to cause skin irritation under normal use. However prolonged or frequent skin contact may cause minor skin irritation due in part, to physical abrasion.

Ingestion: The systemic toxicity of this substance has not been determined. However, based on its principal ingredients, it should be non-toxic to internal organs if accidentally ingested (swallowed).

Inhalation: This material is not considered to be an inhalation hazard. Odors identified by chemically sensitive individuals may results in symptoms of nausea; however, such effects are not considered to be systematic and removal to “fresh air” should readily reverse symptoms noted.

SECTION VII - FIRST AID MEASURES

Personal Protective Equipment:

Eyes: If contact is made with eye, flush with copious quantities of fresh water (i.e., 15 minutes) Remove contact lenses if worn. Seek medical attention if irritation persists.

Skin: Wash skin thoroughly with soap and water. Do not use solvents, thinners, abrasive, acid or caustics to remove the materials from the skin. Asphalt can be remove with vegetable oil or mineral oil if soap and water is not effective.

Ingestion: Accidental consumption of this product should not result in systemic toxicity. Drink milk and or water and consume a small amount of soft foods. The product should eliminate itself from the body.

Inhalation: This material is not considered inhalation hazard. However, if symptoms appear that are believe to be associated with odors (i.e., fumes or vapor) associated with this product, remove the patient from the immediate area to a location with “fresh “air.



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SECTION VIII – EXPOSURE CONTROL/PERSONAL PROTECTION

VENTILATION REQUIREMENTS: GENERAL

EYE & FACE PROTECTION: No special eye protection is necessary for normal use. Safety glasses or goggles should be worn if particulates cause eye irritation.

SKIN PROTECTION: Skin protection should be minimized by wearing clothing, including gloves. The product contains abrasives (sand and stone) and petroleum distillates which may be abrasive and/or irritating to the skin. Wash skin thoroughly with soap and water after used.

RESPIRATORY PROTECTION: Product is not considered an inhalation hazard. Respiratory protection should not be necessary under normal use or product spills. Should odors make an individual nauseous, an air-supplying or air purifying respiratory may be used. Selection of media for an air-purifying respirator must consider ambient conditions including materials.

SPILLS AND DISPOSAL: This material is not considered to be an environmental or health risk and the use of special protective equipment is not usually required in the case of a spill or leak.

Repackaged material that has spilled or leaked for re-use, recycling is the recommended disposal technique. Advise local authorities if large amounts of the material enter sewers or waterways.

For disposal, use only approved treatment, transporters and disposal sites in compliance with applicable laws.

SECTION IX – FEDERAL REGULATORY REQUIREMENT (SELECTED)

US DEPARTMENT OF LABOR (OSHA)

Selected components are listed as potentially hazardous materials; requirement include available MSDS, hazard communication program, workplace surveillance for hazardous use/condition.

US ENVIRONMENTAL PROTECTION AGENCY (EPA):

TSCA	Not Applicable
CERLA Reportable Quantity	Not Applicable
SARA Title:	
Section 302 (extremely hazardous substances);	Not Applicable
Section 311/312(hazard categories)	Not Applicable
Section 313 (Toxic Chemicals)	Not Applicable
RCRA Status:	Not Applicable

US DEPARTMENT OF TRANSPORTATION (DOT): Not Classified as Hazardous
Some components of this product may be listed as a potentially hazardous by individual state and/or local agencies.
For details on regulatory requirements in your local area, contact the appropriate agency.



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