

# SAFETY DATA SHEET

## SECTION 1 – COMPANY AND PRODUCT IDENTIFICATION

**Product name** : Hanover® Asphalt Block

**Recommended use** : Asphalt paving units for use in architectural and hardscape applications.

**Manufacturer** : Hanover® Architectural Products  
5000 Hanover Road  
Hanover, PA 17331  
Phone: (717) 637-0500  
Toll free: 1-800-426-4242  
Fax: (717) 637-7145  
Internet: [www.hanoverpavers.com](http://www.hanoverpavers.com)

**Emergency phone** : INFOTRAC 800-535-5035  
(Outside the US, call collect 352-323-3500)

## SECTION 2 – HAZARDS IDENTIFICATION

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statement(s)** : Odorless solid. Non-flammable. Paving units themselves pose no health hazards; however, dust particles from crushed or broken concrete, sawing or grinding may cause skin, eye or respiratory tract irritation.

**Precautionary Statement** : None.

**Hazards not otherwise classified** : Not applicable

**SECTION 2 – HAZARDS IDENTIFICATION**

**Potential effects and symptoms of acute exposure** : Inhalation: Dust particles from sawing or grinding may result in minor nose irritation or respiratory tract irritation. Exposure to excessive amounts of dust for prolonged periods could result in lung damage.

Eye contact: Dust particles released by sawing or grinding may cause minor eye irritation. Eye protection with tight fitting goggles is recommended. Signs and symptoms may include pain, tears, swelling, and redness. Severity of symptoms will depends on the amount of dust contacted.

Skin contact: Lack of appropriate hand protection could result in skin abrasions.

Ingestion: This is an unlikely route of entry.

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

**Ingredients** : Mixtures of aggregates. Also evident are small amounts of organic and inorganic materials, which have no known effects on the hazards associated with the use of this product. Exact composition has been withheld as proprietary information in accordance with paragraph (i) of §1910.1200.

**Additional health data comment** : Exposure to dust particles from sawing or grinding may aggravate preexisting lung diseases such as Emphysema or Asthma. Exposure to excessive amounts of dust for prolonged periods of time could result in lung damage. Breathing of dust that is released by altering its state should be reduced to a minimum. Normal handling of this product in its original state is not known to cause cancer in humans.

**SECTION 4 – FIRST AID MEASURES**

**Inhalation** : Dust may cause respiratory tract irritation. If breathing is difficult, remove victim to fresh air and keep in a position comfortable for breathing. If there are signs or symptoms of minor nose irritation that persist, contact a physician. If there are signs or symptoms of lung damage (dry or severe cough, fatigue or tiredness, changes in breathing pattern, loss of appetite, chest pain, fever, gradual dark shallow rifts in nails eventually leading to cracks), seek the care of a physician. Signs of chronic lung damage following prolonged exposure may not appear until years after exposure.

**Eye Contact** : Flush eyes generously with water. If irritation persists, contact a physician.

**Skin Contact** : Clean abrasions with mild soap and water and then cover the area with an antibiotic ointment and a dry dressing. If irritation persists, contact a physician.

**Ingestion** : This is an unlikely route of entry.

**Symptoms** : See Section 11

**SECTION 5 – FIRE FIGHTING MEASURES**

- Flammability** : Not flammable by WHMIS/OSHA/NOM-018-STPS-2000 criteria.
- Extinguishing Media** : Not applicable. Use extinguishing media appropriate for surrounding flammable materials.
- Unsuitable Extinguishing Media** : Not available.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

- Personal Protective Equipment (PPE) Precautions** : If a large amount of dust has been generated, eye protection and appropriate respirator protection should be used to protect cleanup personnel against dust.
- Containment and Clean Up** : Sweep the dust particles and discard. Use wet suppression methods, if appropriate, to reduce the generation of dust. Provide ventilation if dust is generated. Dispose of waste at a disposal facility in accordance with all local, regional, national and international regulations.

**SECTION 7 – HANDLING AND STORAGE**

- Storage** : There are no specific precautions when storing or handling the product in its original state. Wear NIOSH (National Institute for Occupational Safety and Health) approved particulate respirator and tight fitting goggles when sawing or grinding. Allow proper ventilation when sawing or grinding in a confined area. Wear protective gloves when required.
- General Hygiene Advice** : Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with soap and water before eating, drinking or smoking, and again when leaving work.

**SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION**

- OSHA PELs, ACGIH, TLVs** : Not available.
- Engineering Controls** : When crushing, cutting, grinding or drilling concrete, use general ventilation, local exhaust and/or wet suppression methods to maintain exposures below allowable exposure limits.
- Respiratory Protection** : NIOSH Approved respirator and tight fitting goggles.
- Feet Protection** : Use of steel toe shoes is recommended when handling pavers.
- Eye Protection** : Safety glasses with side shields should be worn as minimum protection. Dust goggles or full face protection should be worn when conditions with high dust concentrations exist or are anticipated.
- Skin Protection** : Use gloves to provide hand protection from abrasion.

**SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION**

**Additional Protective Measures** : Airborne dust levels in excess of appropriate exposure limits should be reduced by all feasible engineering controls, including (but not limited to) wet suppression, ventilation and process enclosure.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance** : Solid object.

**Odor** : None. Not applicable.

**Odor Threshold** : None. Not applicable.

**pH** : None. Not applicable.

**Melting Point/Freezing Point** : None. Not applicable.

**Initial Boiling Point and Boiling Range** : None. Not applicable.

**Flash Point** : None. Not applicable.

**Evaporation Rate** : None. Not applicable.

**Flammability** : Solid. Not applicable.

**Upper/lower flammability or explosive limits** : Solid. Not applicable.

**Vapor pressure** : No data available.

**Vapor density** : No data available.

**Relative density** : No data available.

**Solubility(ies)** : No data available.

**Partition coefficient** : No data available.

**Auto-ignition temperature** : Solid. Not applicable.

**Decomposition temperature** : No data available.

**Viscosity** : No data available.

**SECTION 10 – STABILITY AND REACTIVITY**

**Reactivity** : No dangerous reaction known under conditions of normal use.

**Chemical Stability** : Stable under normal conditions of use.

**Possibility of Hazardous Reactions** : No dangerous reaction known under conditions of normal use.

**Conditions to Avoid** : None known.

**Incompatible Materials** : Strong acids may etch paving units.

**Hazardous Decomposition** : Not applicable.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**Likely Routes of Exposure** : Material as provided does not present an inhalation, ingestion or contact hazard. However, operations such as sawing and grinding may result in the following effects. Excessive exposures to dust particles over an extended period of time may result in the development of lung conditions.

**Inhalation** : No dangerous reaction known under conditions of normal use. Operations such as sawing and grinding may cause congestion and irritation in nasal and respiratory passages

**Eye Contact** : Stable under normal conditions of use. Operations such as sawing and grinding may cause irritation by abrasion with dust or chips.

**Skin Contact** : No dangerous reaction known under conditions of normal use. Operations such as sawing and grinding may cause allergic reactions in hypersensitive individuals.

**Ingestion** : None known.

**Acute Toxicity** : None known.

**SECTION 12 – ECOLOGICAL INFORMATION**

**Acute/Chronic Toxicity** : No ecological consideration when used according to directions.

**Persistence and Degradability** : Not available

**Bioaccumulation** : Not available

**Mobility in Soil** : Not available

**Other Adverse Effects** : These products are generally considered inert in the environment.

**SECTION 13 – DISPOSAL INFORMATION**

Dispose of waste at a disposal facility in accordance with all local, regional, national and international regulations.

**SECTION 14 – TRANSPORT INFORMATION**

Not regulated.

**SECTION 15 – REGULATORY INFORMATION**

Not regulated.

**SECTION 16 – OTHER INFORMATION**

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