

# AQUAPHALT

## Material Safety Data Sheet

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Substance: Asphalt mix  
Trade names/synonyms: **Aquaphalt 6mm, 9mm, 12mm**  
Use of Substance: **Reactively curing, cold applied asphalt mix, free of solvents**  
Chemical family: Bitumen Asphalt without solvent

Distributor / Supplier:

Hi-Tech Asphalt Solutions, Inc  
5113 Pole Green Rd  
Mechanicsville, VA 23116

**EMERGENCY CONTACT 24 hours**  
**INFORMATION CONTACT: 540-832-0609**  
(Monday-Friday, 8:00 a.m. – 6:00 p.m. EST)

Manufacturer  
Road Stone Production, LLC  
1230 River Road  
Charlottesville, VA 22901

Revision Issue Date: January 5, 2011  
Supersedes Date: N/A

### SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

APPEARANCE /ODOR: Black, solid mineral binder mix with characteristic odor.

Potential Health Effects: See Section 11 for more information

Likely Routes of Exposure: Eye contact, skin contact.

Eye: Causes moderate irritation (tears, blurred vision and redness).

Skin: Prolonged exposure may cause moderate skin irritation. May cause drying/defatting of the skin.

Ingestion: Not likely to be toxic but may cause irritation of the mouth, throat and stomach.

Inhalation: Not relevant

Medical Conditions Aggravated By Exposure:

May cause more significant skin irritation in people with pre-existing skin conditions.

Target Organs: Not relevant

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

Potential Environmental Effects: See Section 12 for more information

## Material Safety Data Sheet **Aquaphalt 6mm, 9mm, 12mm**

### SECTION 3: COMPOSITION, INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS #</u>	<u>% by Wt.</u>
Mineral aggregates	not available	92 - 94
Binder	not available	8 - 6

**HAZARDS DISCLOSURE:** This product contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### SECTION 4: FIRST AID MEASURES

Eye contact: Rinse opened eye for several minutes under running water; consult a physician.  
 Skin contact: Remove contaminated clothing and wash before reuse. Wash skin with soap and water. Get medical attention if irritation develops.  
 Inhalation: Not relevant.  
 Ingestion: Do NOT induce vomiting. Do NOT administer anything by mouth to unconscious person. Offer water to drink. Get medical attention.

Note to Physicians: Not relevant.

### SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Foam, powder, water spray  
 Unsuitable Extinguishing Media: Water stream  
 Products of Combustion: Not applicable  
 Specific fire fighting methods: No specific methods required  
 Specific protective devices: Self-contained breathing apparatus  
 Specific hazards: No specific hazards known  
 Protection of Firefighters: Firefighters should wear self-contained breathing apparatus and full fire-fighting turnout gear.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautionary measures: No special measures required.  
 Environmental precautionary measures: Observe usual precautions.  
 Methods for cleaning up: Collect mechanically.  
 Other Information: Spills of this material do not need to be reported to the National Response Center.

### SECTION 7: HANDLING AND STORAGE

#### Handling

Keep away from heat, sparks and flame - do not smoke. Do not get in eyes. Do not breathe vapor. Avoid prolonged contact with skin.

#### Storage

Requirements on storage rooms and containers: Store in area protected against weather and sun. Keep container well closed, material will be rendered unusable when exposed to air. Product residue may remain in empty containers. Observe all label precautions until container is cleaned, reconditioned or destroyed.

Information about storage in a common storage facility: Not relevant

**Material Safety Data Sheet Aquaphalt 6mm, 9mm, 12mm**

---

Further information about storage conditions: Store in area protected against weather and sun.

Storage class according to VCI: Not relevant.

Appropriate application(s): For patching up asphalt and concrete

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

## Exposure Guidelines

Component 1: Not established.

Component 2: Not established.

Engineering measures: No special requirement.

Components with critical values that require inspection at the place of work: The product does not contain any relevant quantities of material with critical values, which have to be monitored at a work place.

Eye/face protection: Not required

Skin protection: Wear-suitable work clothing and gloves.

Respiratory protection: Not required

General Hygiene Considerations: Wash thoroughly after handling. Have eye-wash facilities immediately available. Do not eat, drink and smoke while working.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Color: black

Odor: characteristic

Odor threshold: Not available

Physical state: mineral – binder - mix

pH - value: not relevant

Freezing point: not relevant

Boiling point: not relevant

Flash point: not relevant

Flammability: not relevant

Upper Flammability Limit: not relevant

Lower Flammability Limit: not relevant

Vapor pressure at 20 °C/68 °F [mmHg]: not relevant

Vapor Density at 25° C [g/ cm<sup>3</sup>]: 2-2.5

Solubility in water at 20°C/68 °F: not relevant

Solubility in fat at 20 °C/68 °F: not relevant

Auto-ignition Temperature: Not available.

Dynamic viscosity at 20° C/68 °F [mPas]:not relevant

Percent Volatile, wt. %: 0

Volatile Organic Compound (VOC) content, wt. %: 0

Fire promoting properties [°C]: product is not oxidizing

Danger of explosion [°C]: product is not explosive

**SECTION 10: STABILITY AND REACTIVITY**

Stability: Stable.

Conditions to avoid: Keep away from heat, sparks and flames.

Incompatible Materials: not relevant

Possibility of Hazardous Reactions: Will not occur.

Hazardous Decomposition Products: Not relevant

**Material Safety Data Sheet Aquaphalt 6mm, 9mm, 12mm**

---

**SECTION 11: TOXICOLOGICAL INFORMATION****ACUTE EFFECTS:**

The product is classified as not acute toxic.

**CHRONIC EFFECTS:**

The product is classified as not chronically toxic. \*

**Corrosive or irritant effect or sensitization:**

The product is classified as not irritating or sensitizing.

**SECTION 12: ECOLOGICAL INFORMATION**

Mobility in Environment: Not relevant.

Persistence/ Degradability: Not relevant.

Bioaccumulation/ Accumulation: Not relevant.

Further negative effects: There are no negative effects known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal: Dispose of in accordance with federal, state and local regulations. \*

Packaging: Packaging can be reused or recycled after cleaning. Note local restrictions. \*

**SECTION 14: TRANSPORT INFORMATION****US DOT (ground)**

Proper Shipping Description: This product is not regulated for shipping by US DOT.

**Canadian TDG (ground)**

Proper Shipping Description: See US DOT

**ICAO (air)**

Proper Shipping Description: See US DOT

**IMDG (water)**

Proper Shipping Description: See US DOT

**ADR/ RID**

Proper Shipping Description: See US DOT

**ADN/ ADNR**

Proper Shipping Description: See US DOT

**SECTION 15: REGULATORY INFORMATION**

OSHA PROCESS SAFETY (29CFR1910.119): Not regulated.

**Inventory Status**

United States (TSCA): All ingredients are on the inventory or exempt from listing.

**Material Safety Data Sheet Aquaphalt 6mm, 9mm, 12mm**

---

**SECTION 16: OTHER INFORMATION**

NFPA 704: National Fire Protection Association

Health – 0      Fire – 0      Reactivity – 0

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

The above MSDS complies with OSHA hazard communication standard 29 CFR 1910.1200.

To the best of our belief, information and knowledge, we believe the information contained in this MSDS to be accurate and reliable as of the date of this Material Safety Data Sheet. The above information is based on information received from raw material suppliers and other sources and references the products as currently formulated. We make no expressed or implied warranty regarding the accuracy or reliability of the data or results obtained from the use of the product and assume no responsibility or liability for personal injury or property damage incurred by the use of these materials due to the fact that the conditions of handling, use, and storage of these materials are beyond our control. Any and all materials should be used with caution and may present unknown hazards. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is each user's responsibility to determine if the information and data contained herein is suitable and to comply with all applicable international, federal, state, and local laws and regulations.

---

Prepared by

**Hi-Tech Asphalt Solutions, Inc**

5113 Pole Green Road, Mechanicsville, VA 23111, Tel: 804-779-4871 Fax: 804-779-3277

[www.Aquaphalt.com](http://www.Aquaphalt.com) – Email: [info@aquaphalt.com](mailto:info@aquaphalt.com)