

	<h1>Safety Data Sheet</h1>	<p><b>24 Hour Emergency Phone Numbers:</b></p> <p><b>Medical/Poison Control:</b>  In U.S.: Call 1-800-222-1222  Outside U.S.: Call your local poison control center</p> <p><b>Transportation/National Response Center:</b>  1-800-535-5053  1-352-323-3500</p> <p>NOTE: The National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.</p>
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IMPORTANT: Provide this information to employees, customers, and users of this product. Read this SDS before handling or disposing of this product. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accordance with requirements of this standard. All abbreviated terms used in this MSDS are further described in Section 16.

## 1. Identification

This Material Safety Data Sheet is available in American Spanish upon request.  
Los Datos de Seguridad del Producto pueden obtenerse en Espanol si lo requiere.

<b>Product Name:</b>	Blacktop Asphalt Low VOC Sealant	<b>Revision Date:</b>	5/14/2015
<b>Product UPC Number:</b>	27065	<b>Supercedes Date:</b>	12/3/2008
<b>Product Use/Class:</b>	Asphalt Sealant	<b>SDS No:</b>	00079955001
<b>Manufactured For</b>	Builders First Source 2001 Bryan St., Suite 1600 Dallas, Texas, 75201 888-327-8477 (non-emergency matters)		
<b>Preparer:</b>	Regulatory Department		

## 2. Hazards Identification

**EMERGENCY OVERVIEW:** Avoid breathing vapor. Avoid skin and eye contact. May cause eye, skin, nose, throat and respiratory tract irritation. Use only with adequate ventilation. Provide fresh air such that chemical odors cannot be detected during use and while drying. Harmful or fatal if swallowed.

### GHS Classification

Acute Tox. 4 Inhalation, Eye Irrit. 2

### Symbol(s) of Product



### Signal Word

Warning

**GHS HAZARD STATEMENTS**

Eye Irritation, category 2 H319 Causes serious eye irritation.  
 Acute Toxicity, Inhalation, category 4 H332 Harmful if inhaled.

**GHS LABEL PRECAUTIONARY STATEMENTS**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P312 Call a POISON CENTER or a doctor if you feel unwell.  
 P337+P313 If eye irritation persists: Get medical advice/attention.

**3. Composition/Information on Ingredients**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Asphalt	8052-42-4	10-25	GHS07	H332
Silica, amorphous	7631-86-9	10-25	GHS07	H332
Calcined Clay	66402-68-4	2.5-10	GHS06	H319-331
alpha-Alumina	1344-28-1	2.5-10	GHS07	H332-335
Iron oxide	1309-37-1	2.5-10	GHS06	H319-330
Potassium oxide	12136-45-7	1.0-2.5	GHS05	H314
Titanium dioxide	13463-67-7	1.0-2.5	No Information	No Information

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

**4. First-aid Measures**

**FIRST AID - INHALATION:** If inhaled, remove to fresh air. If breathing is difficult, leave the area to obtain fresh air. If continued breathing difficulty is experienced, get medical attention immediately. If there are signs or symptoms of hydrogen sulfide exposure (respiratory tract irritation, headache, dizziness, nausea, gastrointestinal disturbances, coughing, a sensation of dryness and pain in the nose, throat and chest, confusion and unconsciousness), move the person to fresh air. If breathing has stopped, apply artificial respiration. Call a doctor.

**FIRST AID - SKIN CONTACT:** Wash skin with soap and water for 15 minutes. Get medical aid if symptoms persist. Remove and wash contaminated clothing.

**FIRST AID - EYE CONTACT:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

**FIRST AID - INGESTION:** If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately.

**5. Fire-fighting Measures**

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No Information

**SPECIAL FIREFIGHTING PROCEDURES:** Wear self contained breathing apparatus for fire fighting if necessary.

**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam

**6. Accidental Release Measures**

**ENVIRONMENTAL MEASURES:** No Information

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.

**7. Handling and Storage**

**HANDLING:** KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY. Keep containers closed when not in use. Avoid breathing vapor and contact with eyes, skin and clothing. Use in well ventilated area. Wash thoroughly after handling.

**STORAGE:** No Information

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Asphalt	0.5 mg/m <sup>3</sup> TWA fume, inhalable fraction	N.E.	N.E.	N.E.
Silica, amorphous	N.E.	N.E.	N.E.	N.E.
Calcined Clay	N.E.	N.E.	N.E.	N.E.
alpha-Alumina	N.E.	N.E.	15 mg/m <sup>3</sup> TWA total dust, 5 mg/m <sup>3</sup> TWA respirable fraction	N.E.
Iron oxide	5 mg/m <sup>3</sup> TWA respirable fraction	N.E.	10 mg/m <sup>3</sup> TWA fume, 15 mg/m <sup>3</sup> TWA total dust Rouge, 5 mg/m <sup>3</sup> TWA respirable fraction Rouge	N.E.
Potassium oxide	N.E.	N.E.	N.E.	N.E.
Titanium dioxide	10 mg/m <sup>3</sup> TWA	N.E.	15 mg/m <sup>3</sup> TWA total dust	N.E.

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

### Personal Protection



**RESPIRATORY PROTECTION:** A NIOSH-approved air purifying respirator with an organic vapor cartridge or canister may be necessary under certain circumstances where airborne concentrations are expected to exceed exposure limits. If concentrations exceed the exposure limits specified, use of a NIOSH-approved supplied air respirator is recommended. Where the protection factor is exceeded, use of a Self Contained Breathing Apparatus (SCBA) may be necessary. A respiratory protection program that meets the OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.



**SKIN PROTECTION:** Wear neoprene gloves.



**EYE PROTECTION:** Goggles or safety glasses with side shields.



**OTHER PROTECTIVE EQUIPMENT:** Provide eyewash and solvent impervious apron if body contact may occur.



**HYGIENIC PRACTICES:** Remove and wash contaminated clothing before re-use.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	Colored	<b>Physical State:</b>	Paste
<b>Odor:</b>	Slight Solvent	<b>Odor Threshold:</b>	Not Established
<b>Density, g/cm<sup>3</sup>:</b>	1.33 - 1.33	<b>pH:</b>	Not Applicable
<b>Freeze Point, °C:</b>	Not Established	<b>Viscosity (mPa.s):</b>	Not Established
<b>Solubility in Water:</b>	Not Established	<b>Partition Coeff., n-octanol/water:</b>	Not Established
<b>Decomposition Temperature, °C:</b>	Not Established	<b>Explosive Limits, %:</b>	N.I. - N.I.
<b>Boiling Range, °C:</b>	N.I. - N.I.	<b>Auto-Ignition Temperature, °C</b>	Not Established
<b>Minimum Flash Point, °C:</b>	93.3	<b>Vapor Pressure, mmHg:</b>	No Information
<b>Evaporation Rate:</b>	Slower Than n-Butyl Acetate	<b>Flash Method:</b>	Seta Closed Cup
<b>Vapor Density:</b>	Heavier Than Air		
<b>Combustibility:</b>	Does not Support Combustion		

(See "Other information" Section for abbreviation legend)

(If product is an aerosol, the flash point stated above is that of the propellant.)

## 10. Stability and Reactivity

**STABILITY:** Stable at normal temperatures and pressures.

**CONDITIONS TO AVOID:** Excessive heat and freezing. Avoid contact with skin, eyes and clothing.

**INCOMPATIBILITY:** Strong acids and strong bases.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide, nitrogen oxides

## 11. Toxicological Information

**EFFECT OF OVEREXPOSURE - INHALATION:** Inhalation of vapors may cause irritation of the nose, throat, lungs and respiratory tract. This substance contains sulfur compounds that may form hydrogen sulfide. The rotten eggs odor of hydrogen sulfide is unreliable as an indicator of concentration. Signs and symptoms of over exposure to hydrogen sulfide include respiratory tract irritation, headaches, dizziness, nausea, gastrointestinal disturbances, coughing, a sensation of dryness and pain in the nose, throat and chest, confusion and unconsciousness. Hydrogen sulfide concentrations of 1000-2000 ppm can be extremely hazardous. This hazard evaluation is based on data from similar materials.

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** May cause skin irritation. Prolonged exposure to the skin may dry the skin and cause dermatitis or burns.

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** May cause eye irritation.

**EFFECT OF OVEREXPOSURE - INGESTION:** Harmful or fatal if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion may result in obstruction when material hardens.

**CARCINOGENICITY:** No Information

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Inhalation, Skin Contact

### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
8052-42-4	Asphalt	>5000 mg/kg Rat	>2000 mg/kg Rabbit	>20 mg/L
7631-86-9	Silica, amorphous	>3300 mg/kg Rat	>5000 mg/kg Rabbit	>20 mg/L
66402-68-4	Calcined Clay	>15900 mg/kg Rat	>2500 mg/kg Rabbit	>20 mg/L
1344-28-1	alpha-Alumina	>5000 mg/kg Rat	>2000 mg/kg	> 20 mg/L
1309-37-1	Iron oxide	>10000 mg/kg Rat	>2000 mg/kg	>20 mg/L

12136-45-7	Potassium oxide	N.I.	N.I.	>20 mg/L
13463-67-7	Titanium dioxide	>10000 mg/kg Rat	>5000 mg/kg Rabbit	>20 mg/L

N.I. = No Information

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** No Information

## 13. Disposal Information

**DISPOSAL METHOD:** This product does not meet the definition of a hazardous waste according to U.S. EPA Hazardous Waste Management Regulation, 40 CFR Section 261. Dispose as hazardous waste according to all local, state, federal and provincial regulations. State and Local regulations/restrictions are complex and may differ from Federal regulations. Responsibility for proper waste disposal is with the owner of the waste. Liquids cannot be disposed of in a landfill. Do not flush into surface water or sanitary sewer system.

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.

## 14. Transport Information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

<b>DOT Proper Shipping Name:</b>	Not Regulated.		
<b>DOT Technical Name:</b>	N.A.	<b>Hazard SubClass:</b>	N.A.
<b>DOT Hazard Class:</b>	N.A.	<b>DOT UN/NA Number:</b>	N.A.
<b>Packing Group:</b>	N.A.		

## 15. Regulatory Information

### U.S. Federal Regulations:

#### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard, Chronic Health Hazard

#### SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
alpha-Alumina	1344-28-1

#### TOXIC SUBSTANCES CONTROL ACT:

All ingredients in this product are either on TSCA inventory list, or otherwise exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA12(b) components exist in this product in concentrations at or above their thresholds.

**CALIFORNIA PROPOSITION 65 CARCINOGENS**

WARNING: This product contains chemicals known to the State of California to cause cancer.

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

This product does not contain any chemicals known to the State of California to cause birth defects or other reproductive harm.

**International Regulations: As follows -****CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**WHMIS Class** Consumer Commodity.

**16. Other Information**

**Revision Date:** 5/14/2015 **Supersedes Date:** 12/3/2008  
**Reason for revision:** HazCom2012/GHS Conversion  
**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

<b>Health:</b>	1	<b>Flammability:</b>	1	<b>Reactivity:</b>	0	<b>Personal Protection:</b>	X
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VOC Less Water Less Exempt, g/L:0.0

VOC, Material, g/L:0

VOC as Defined by California Consumer Product Regulation, Wt/Wt%:0.0

**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

H314 Causes severe skin burns and eye damage.  
H319 Causes serious eye irritation.  
H330 Fatal if inhaled.  
H331 Toxic if inhaled.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

GHS05



GHS06



GHS07



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

DAP believes the data and statements contained herein are accurate as of the date hereof. They are offered in good faith as typical values and not as a product specification. NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE WITH REGARD TO THE INFORMATION HEREIN PROVIDED OR THE PRODUCT TO WHICH THE INFORMATION REFERS. Since this document is intended only as a guide to the appropriate use and precautionary handling of the referenced product by a properly trained person, it is therefore the responsibility of the user to (i) review the recommendations with due consideration for the specific context of the intended use and (ii) determine if they are appropriate.