

- MATERIAL SAFETY DATA SHEET -

IDENTITIES NAME CHEMICAL NAME Asphalt Cement Crumb Rubber Cabon Black Process Oil Stearic Acid Sulfur Talc Zincoxide	CASE NO. 8052-42-4 1333-86-4 64742-04-7 57-114 7704-34-9 64742-04-7 1314-13-2
PRODUCT - BITABLEND	

Section 1 - Manufacturer Name <i>JIM STEPP</i>	Emergency Telephone Number: <i>217-306-4216</i>
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DATE OF MODIFICATION - DEC 1, 2012	Telephone Number for Information: <i>217-306-4216</i>
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SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

- WARNING -

RUBBERIZED ASPHALT - CONTACT WITH HOT PRODUCT
WILL CAUSE THERMAL BURNS

This Product's health and safety information is provided to assist our customers in assessing compliance with health, safety, and environmental regulations. The information contained herein is based on data available to us and is believed to be accurate, although no guarantee or warranty is provided or implied by the company in this respect. Since the use of this product is within the exclusive control of the user, it is the user's responsibility to determine the conditions of the use. Such conditions must comply with all governmental regulations.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	700-800 °F	Specific Gravity:	1.03
Vapor Pressure (mm Hg):	N.A.	Melting Point:	150-250 °F
Vapor Density (AIR=1):	20 +	Evaporation Rate:	N.A.
Solubility in Water:	N.A.	Appearance & Odor:	Black, Hydrocarbon

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): (D 92) 425 +	Flammable Limits:	LEL:	UEL:
	N.A.	N.A.	N.A.

Extinguishing Methods:
 Dry Chemical, CO₂, Foam and Water Spray

Special Fire Fighting Procedures:
 Water spray to cool fire-exposed containers. Extinguish fires with a smothering technique. Wear full protective clothing.

Unusual Fire and Explosive Hazards:
 Product will ignite with sufficient heat. Check for combustion vapors prior to and during tank welding or torch cutting. DO NOT bring asphalt above 212 °F into contact with water.

SECTION 5 - REACTIVITY DATA

Stability	Unstable		
	Stable	X	High Heat, Sparks, Open Flames

Incompatibility (Materials to Avoid): Strong Oxidizing Agents

Hazardous Decomposition or Byproducts: Carbon Monoxide, Carbon Dioxide, NO₂, Hydrocarbon Vapors

Hazardous Polymerization	May Occur		
	Will Not Occur	X	

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SECTION 6 – HEALTH HAZARD DATA

<i>Route(s) of Entry</i>	<i>Inhalation? Yes</i>	<i>Skin? Yes</i>	<i>Ingestion? Yes</i>
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Health Hazards (Acute and Chronic):
 Ingestion – Irritating to mucous membranes and gastrointestinal tract
 Inhalation – TLV 5 mb/cu.m as oil mist (ACGIH)

<i>Carcinogenicity: NA</i>	<i>NTP: NA</i>	<i>LARC Monographs: NA</i>	<i>OSHA Regulated: NA</i>
<i>HMIS/NFPA Ratings:</i>	<i>Health: 1</i>	<i>Flammability: 1</i>	<i>Reactivity: 0</i>

Signs and Symptoms of Exposure:
 Ingestion – May cause thermal burns, nausea, vomiting and diarrhea.
 Inhalation – Irritating to mucous membranes and respiratory tract.

Medical Conditions Generally Aggravated by Exposure:
 Skin irritation, short term exposure

Emergency and First Aide Procedure: Get Immediate Medical Attention
 Flush eyes thoroughly with water for 15 minutes. Remove contaminated clothing. Wash affected area with water. Remove to fresh air. Ingestion: give large amounts of water, induce vomiting.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in Case the Material is Released or Spilled:
 Remove sources of heat or ignition. Clean up the spill but do not flush to sewer or surface water. Ventilate area.

Water Disposal Method:
 The Resource Conversation and Recovery Act (RCRA) as well as other federal, state and local laws regulate the disposal of chemical and oil wastes.

Precautions to be Taken in Handling and Storage:
 Store in a cool place, away from sources of heat and ignition.

SECTION 8 – CONTROL MEASURES

Respiratory Protection
 Wear approved organic vapor respiratory gear when cleaning large spills or in high exposure of fumes.

<i>Ventilation:</i>	<i>Local Exhaust: Natural Air</i>	<i>Special: NA</i>
	<i>Mechanical: Fan in confined space</i>	<i>Other: NA</i>

Protective Gloves:
 Impermeable gloves, PVC or Nitrile, when skin contact is possible.

Other Protective Clothing or Equipment:
 Aprons, long sleeves, boots and face shield if contact is possible.

Work/Hygienic Practices:
 Wear Protective gear if contact is possible or in high exposure of fumes.

NOTICE TO READER

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.