

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

<b>PRODUCT NAME:</b> Black Top Patching Material	<b>MANUFACTURER:</b> Consolidated Aggregates
<b>PRODUCT USE:</b> Repairs to asphalt surfaces and cracks	1205 Palestine, Road
	Picayune, MS 39466 (USA)
	TEL: 601-798-3158 E: info@consolidatedaggregates.com
<b>EMERGENCY:</b> Call Poison Control	<b>MEDICAL:</b> Call 911

### SECTION 2 - Composition/ Information of Ingredients

Hazardous Ingredients	%	CAS #	LD 50	LC 50
Limestone	91-97	1317-65-3	n/a	n/a
Asphalt	2-8	8052-42-4	n/a	n/a
Naphtha	2-6	8030-30-6	n/a	n/a

### SECTION 3 - HAZARDOUS IDENTIFICATION

Components	CAS #	EC #	Concentration, %
Limestone	1317-65-3	n/a	91-97
Asphalt	8052-42-4	n/a	2-8
Naphtha	8030-30-6	n/a	2-6

Route of Entry	Eye contact, skin contact, inhalation, and ingestion.
<b>Eyes</b>	Rinse thoroughly with plenty of water, also under the eyelids. If irritation persists, call physician.
<b>Skin</b>	Wash skin with soap and water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.
<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
<b>Ingestion</b>	Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary

#### PICTOGRAMS:



## SECTION 4 – FIRST AID MEASURES

<b>EMERGENCY INFORMATION:</b> The adverse health effects from crystalline silica exposure-silicosis, cancer, scleroderma, tuberculosis, and nephrotoxicity- are chronic effects.	<b>EYES:</b> Rinse thoroughly with plenty of water, also under the eyelids. If irritation persists, call a physician. <b>SKIN:</b> Wash skin with soap and water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician. <b>INHALATION:</b> Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician. <b>INGESTION:</b> Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary
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## SECTION 5 – FIREFIGHTING MEASURES

<b>SUITABLE EXTINGUISHING MEDIA:</b>	Use an extinguishing agent suitable for the surrounding fire.
<b>UNSUITABLE EXTINGUISHING MEDIA:</b>	No information available.
<b>SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:</b>	Combustible material.
<b>HAZARDUS COMBUSTION PRODUCTS:</b>	None.
<b>SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:</b>	Firefighters should wear full protective gear.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>EMERGENCY PROCEDURES:</b>	Remove all sources of ignition. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.
<b>PROTECTIVE EQUIPMENT:</b>	Use exposure control and personal protection methods as described in Section 8. Ensure adequate ventilation/exhaust extraction. Avoid inhalation of dust and contact with skin and eyes during clean up.
<b>PROPER METHODS OF CONTAINMENT:</b>	Prevent further leakage or spillage if safe to do so.
<b>CLEANUP:</b>	Take up with inert, damp, noncombustible material using clean non-sparking tools and place into loosely plastic containers for later disposal
<b>ENVIRONMENTAL PRECAUTIONS:</b>	Prevent product from entering drains. See Section 12 for additional Ecological Information.

## SECTION 7 – HANDLING AND STORAGE

<b>PRECAUTIONS FOR SAFE HANDLING:</b>	Keep away from open flames, hot surfaces and sources of ignition. Handle in accordance with good industrial hygiene and safety practice. Do not breathe vapors/dust. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.  Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Do not take internally. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.
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**SECTION 7 – HANDLING AND STORAGE cont.**

<b>PRECAUTIONS FOR STORAGE:</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.
<b>INCOMPATIBILITIES PRODUCTS:</b>	<b>Oxidizing Agents</b>

**SECTION 8 – PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION**

OSHA's PERMISSIBLE EXPOSURE LIMITS (PEL)				
COMPONENTS	CAS #	OSHA PEL mg/m <sup>3</sup> (e)	NIOSH REL Up to 10-hour TWA, mg/m <sup>3</sup>	ACGIH 2017 TLV 8hrs TWA, mg/m <sup>3</sup>
Limestone	1317-65-3	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> (vacated) TWA: 15 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> respirable dust TWA: 10 mg/m <sup>3</sup> total dust	N/A
Asphalt	8052-42-4	N/A	Ceiling: 5 mg/m <sup>3</sup> fume 15 min	TWA: 0.5 mg/m <sup>3</sup> benzene soluble aerosol fume, inhalable fraction
Naphtha	8030-30-6	TWA: 100 ppm TWA: 400 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 400 mg/m <sup>3</sup>	IDLH: 1000 ppm TWA: 100 ppm TWA: 400 mg/m <sup>3</sup>	
<b>ENGINEERING CONTROLS:</b>	Local exhaust ventilation as necessary to maintain exposures to within applicable limits.			
<b>PERSONAL PROTECTIVE EQUIPMENT (PPE):</b>				
<b>RESPIRATORY PROTECTION:</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.			
<b>EYE/FACE PROTECTION:</b>	Risk of contact, wear: Safety glasses with side-shields. Goggles.			
<b>SKIN PROTECTION:</b>	Lightweight protective clothing.			
<b>HYGIENE MEASURES:</b>	Provide regular cleaning of equipment, work area and clothing. Handle in accordance with good industrial hygiene and safety practice.			

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

<b>VISCOSITY</b>	Not Applicable	<b>APPERANCE:</b>	Black semi solid
<b>ODOR &amp; ODOR THRESHOLD:</b>	Hydrocarbon-like	<b>FLASH POINT:</b>	> 65.556 °C / > 150 °F
<b>BOILING POINT:</b>	40.556-170 °C / 105-338 °F	<b>MELTING POINT:</b>	37.778-57.222 °C / 100-135 °F
<b>EVAPORATION RATE:</b>	Not Applicable	<b>FLAMMABILITY (SOLID/GAS)</b>	Not Applicable
<b>VAPOR PRESSURE:</b>	Not applicable	<b>pH:</b>	Not Applicable
<b>VAPOR DENSITY:</b>	Not applicable	<b>SOLUBILITY IN WATER:</b>	0 g/l
<b>WATER SOLUBILITY:</b>	Negligible	<b>SPECIFIC GRAVITY:</b>	~ 2.25
<b>PARTITION COEFFICIENT:</b>	Not Applicable	<b>AUTO IGNITION TEMPERATURE</b>	No data available

**SECTION 10 – STABILITY AND REACTIVITY**

<b>CHEMICAL STABILITY:</b>	Stable under recommended storage conditions.
<b>CHEMICAL REACTIVITY:</b>	<b>Hazardous Polymerizatiion:</b> Hazardous polymerization does not occur. <b>Corrosion to Metals:</b> Not Corrosive.
<b>CONDITIONS TO AVOID:</b>	Heat, flames and sparks. Incompatible products.

**SECTION 10 – STABILITY AND REACTIVITY, cont.**

<b>INCOMPATIBILITY:</b>	Oxidizing agents.
<b>HAZARDOUS DECOMPOSITION:</b>	None known based on information supplied.

**SECTION 11 – TOXICOLOGY INFORMATION**

<b>ACUTE TOXICITY</b>	<b>INGESTION:</b>	There is no data available for this product.
	<b>INHALATION:</b>	May cause irritation of respiratory tract.
	<b>SKIN CORROSION SKIN IRRITATION</b>	May be harmful in contact with skin.
	<b>SERIOUS EYE DAMAGE &amp; IRRITATION</b>	Contact with eyes may cause irritation.
	<b>SPECIFIC TARGET ORGAN GENERAL TOXICITY: SINGLE EXPOSURE:</b>	No information available.
	<b>SPECIFIC TARGET ORGAN GENERAL TOXICITY: REPEAT EXPOSURE:</b>	Sensitization - No information available. Mutagenic - Effects No information available. Carcinogenicity - The table below ind

<b>CLASSIFICATIONS:</b>	<b>ACGIH</b>	<b>IARC</b>	<b>NTP</b>	<b>OSHA</b>
Asphalt		Group 2B	Reasonably Antipcated	X
<b>Reproductive Toxicity:</b>	No information available			
<b>General Product Warning:</b>	Acute Toxicity 97% of the mixture consists of ingredient(s) of unknown toxicity. The following values are calculated based on chapter 3.1 of the GHS document: LD50 Oral 1072 mg/kg; Acute toxicity estimate LD50 Dermal 750 mg/kg; Acute toxicity estimate			

**SECTIONS 12 – ECOLOGICAL INFORMATION**

<b>ECOTOXICITY</b>	The environmental impact of this product has not been fully investigated.
<b>PERSISTENCE AND DEGRADABILITY:</b>	No information available.
<b>BIOACCUMULATIVE POTENTIAL:</b>	No information is available
<b>OTHER ADVERSE EFFECTS:</b>	No information is available for the product

Components	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms
Naphtha (8030-30-6)	EC50 72 h: = 4700 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h: = 9.2 mg/L static (Lepomis macrochirus)	

Components	Log Pow
Asphalt	6.006

**SECTION 13 – DISPOSAL CONSIDERATIONS**

<b>PRODUCT DISPOSAL:</b>	Waste Disposal Methods: Dispose of in accordance with federal, state, and local regulations Contaminated Packaging: Do not re-use empty containers.
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**SECTION 14 – TRANSPORTATION CONSIDERATIONS**

<b>Land transport, U.S. DOT:</b>	Non-Regulated
<b>Sea transport, IMDG</b>	Non-Regulated
<b>Air transport, IATA/ICAO:</b>	Non-Regulated

**SECTION 15 – REGULATORY INFORMATION  
(Non-Mandatory Section as per OSHA: Not a Complete List)**

**U.S. REGULATIONS**

	Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:
<b>ASPHALT (8052-42-4)</b>	<b>Weight %:</b> 2-8 <b>SARA 313 - Threshold Values %:</b> 0.1
<b>CERCLA Sections 102-103 (40 CFR Part 302)</b>	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.
<b>SARA 311/312 HAZARD CATEGORIES:</b>	Acute Health Hazard: No Chronic Health Hazard: Yes Fire Hazard: Yes Sudden Release of Pressure Hazard: No Reactive Hazard: No
<b>CLEAN AIR ACT</b>	This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**US STATE RIGHT TO KNOW REGULATIONS:**

<b>STATE</b>	<b>INFORMATION</b>
CA	This product does not contain any Proposition 65 chemicals.
<b>US EPA LABEL INFORMATION:</b>	EPA Pesticide Registration Number Not applicable

**SECTION 16 – OTHER INFORMATION**

<b>NATIONAL FIRE PROTECTION ASSOCIATION: (NFPA)</b>	NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme E-Protective Equipment: Safety glasses, gloves, Dust Respirator
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<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>2</b>
<b>Instability</b>	<b>0</b>
<b>Personal Protection</b>	<b>E</b>

<b>HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)</b>	NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme E-Protective Equipment: Safety glasses, gloves, Dust Respirator
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<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>2</b>
<b>Physical Hazard</b>	<b>0</b>
<b>Personal Protection</b>	<b>E</b>

**OTHER INFORMATION:**  
The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.