

## Safety Data Sheet

**SDS ID: Stock Code BF**

**Revision date:** February 13, 2023

### Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** "Black Flash" Flashing Cement Compound

**Synonyms:** None

**Chemical family:** Petroleum Hydrocarbon

**Producer:** J.C. Whitlam Manufacturing Company

200 West Walnut Street

P.O. Box 380

Wadsworth, Ohio 44282-0380

[www.icwhitlam.com](http://www.icwhitlam.com)

**Telephone:** 330-334-2524 Available during normal business hours

**Emergency:** 330-334-2524 Available during normal business hours

### Section 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Harmful or fatal if swallowed. Vapors harmful. May irritate eyes or skin.



#### GHS Label elements, including precautionary statements

**DANGER -** May cause cancer

Causes damage to organs through prolonged or repeated exposure.

May be fatal if swallowed and enters airways

Flammable liquid and vapor

**Precautionary Statements:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Keep away from heat/sparks/open flames/hot surfaces. Keep container tightly closed when product is not in use. Ground/bond container and receiving equipment. Use explosion proof electrical, ventilating, lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge

**Inhalation:** Asphalt fumes cause irritation to the mucous membranes of the respiratory tract and may cause nausea, dizziness and headache.

**Ingestion:** May be fatal. Immediately call a POISON CENTER or doctor/physician.

**Skin contact:** Prolonged contact may result in itching, dry skin, irritation or inflammation. Allergic skin reactions may occur on occasion and the skin may become sensitized.

**Eye contact:** Conjunctivitis, irritation and tearing.

**Carcinogenic:** No data available.

## Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

### Material information:

Name	CAS No.	Weight %
Asphalt (at Ambient Temperature)	8052-42-4	50 - 60%
Mineral Spirits (with < 0.1% Benzene)	8052-41-3	20 - 30%
Kaolin	1332-58-7	10 - 20%
Limestone	1317-65-3	0 - 10%
Hydrated Aluminum-Magnesium Silicate (Attapulgite)	12174-11-7	0 - 10%
Cellulose Fiber	9004-34-6	0 - 10%
QUARTZ	14808-60-7	0 - 10%
Titanium Dioxide	13463-67-7	0 - 10%

## Section 4. FIRST AID MEASURES

- Inhalation:** Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get medical attention immediately.
- Skin contact:** Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician.
- Ingestion:** Not an expected route of exposure. If swallowed, do not induce vomiting. Get medical attention immediately.
- Eye contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- General advice:** Contains petroleum distillate. Harmful or fatal if swallowed. Vapor harmful. May affect the brain or central nervous system causing dizziness, headache, or nausea. Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

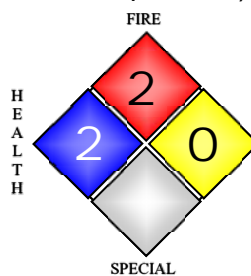
## Section 5. FIREFIGHTING MEASURES

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Sand. Use foam or water FOG as a last resort. **Unsuitable extinguishing media:** Do not use a solid water stream as it may scatter and spread fire.

**Specific hazards:** Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

<b>NFPA rating: HMIS rating:</b>		
<b>Health:</b>	<b>2</b>	<b>2</b>
<b>Flammability:</b>	<b>2</b>	<b>2</b>
<b>Instability/reactivity:</b>	<b>0</b>	<b>0</b>
<b>Other:</b>	<b>N/A</b>	<b>N/A</b>



R E A C T I V I T Y	Hazardous
	FP - above 100° F
	Stable
	N/A

## Section 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	No action should be taken involving any personal risk or without suitable training. Use personal protective equipment as required.
<b>Large Spill:</b>	No data available
<b>Methods for Containment and Clean up</b>	Contain spillage with non-combustible absorbent material, e.g. sand, earth, diatomaceous earth, vermiculite.  Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to local / national regulations.

## Section 7. HANDLING AND STORAGE

<b>Handling:</b>	Use personal protective equipment as required. Remove all sources of ignition. Use only outdoors.
<b>Storage:</b>	Keep containers tightly closed in a cool, dry, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition.

## Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational Exposure Limits:

Name	ACGIH® TLV®	OSHA PELs	NIOSH IDLH
Asphalt (at Ambient Temperature) 8052-42-4	TWA: 0.5 mg/m <sup>3</sup> benzene soluble aerosol fume, inhalable fraction	-	Ceiling: 5 mg/m <sup>3</sup> fume 15 min
Mineral Spirits (with < 0.1% Benzene) 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m <sup>3</sup> (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m <sup>3</sup>	IDLH: 20000 mg/m <sup>3</sup> Ceiling: 1800 mg/m <sup>3</sup> 15 min TWA: 350 mg/m <sup>3</sup>
Kaolin 1332-58-7	TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust
Limestone 1317-65-3	-	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust
Hydrated Aluminum-Magnesium Silicate (Attapulgite) 12174-11-7	TWA: 1 mg/m <sup>3</sup> respirable fraction	-	-
Cellulose Fiber 9004-34-6	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 5 mg/m <sup>3</sup> (vacated) STEL: 10 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup>
QUARTZ 14808-60-7	-	(vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust : (30)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA total dust : (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction : (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust
Titanium Dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup>

**Engineering measures:** Use natural cross ventilation, local (mechanical) pick-up, and/or general area mechanical cross ventilation. Ventilation pattern should be designed to prevent accumulation of solvent vapors. Ventilation must be sufficient to maintain solvent vapor concentrations below the TWA limits outlined above.

## PERSONAL PROTECTIVE EQUIPMENT

**Respiratory protection:** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, a NIOSH/MSHA approved respiratory protection should be worn.

**Skin and body protection:** Wear protective gloves and protective clothing that is resistant to chemical penetration.

**Eye protection:** Wear safety glasses with side shields (or goggles).

**Hygiene measures:** Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Black Paste
<b>Physical state (solid/liquid/gas):</b>	Solid
<b>Substance type (pure/mixture):</b>	Mixture
<b>Color:</b>	Black
<b>Odor:</b>	Solvent (Mineral Spirits)
<b>Molecular weight:</b>	Not Available
<b>pH:</b>	Not Available
<b>Boiling point/range (5-95%):</b>	313° (156°C)
<b>Melting point/range:</b>	Not Available
<b>Decomposition temperature:</b>	Not Available
<b>Specific gravity:</b>	1.08 – 1.16 (H <sub>2</sub> O = 1 g/ml)
<b>Vapor density:</b>	Not Available
<b>Vapor pressure:</b>	Not Available
<b>Evaporation rate (Butyl acetate= 1):</b>	Not Available
<b>Flash point, method used:</b>	105°F (40.5°C) Setflash
<b>Water solubility:</b>	Insoluble
<b>VOC Content:</b>	<300 g/l
<b>Auto-ignition temperature:</b>	400°F (204°C)
<b>Flammable limits in air — lower (%):</b>	0.9
<b>Flammable limits in air — upper (%):</b>	6.0

## Section 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available
<b>Stability:</b>	Stable under recommended storage conditions.
<b>Possibly hazardous reactions:</b>	No data available
<b>Conditions to avoid:</b>	Avoid static discharge. Avoid heat, sparks, and open flame.

**Incompatible Materials:** Strong acids. Strong oxidizing agents.

**Hazardous decomposition products:** Carbon monoxide, carbon dioxide, and other asphyxiants.

**Polymerization:** Will not occur.

## Section 11. TOXICOLOGICAL INFORMATION

**Product information:** Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredients are summarized below.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Asphalt (at Ambient Temperature) 8052-42-4	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
Cellulose Fiber 9004-34-6	> 5 g/kg ( Rat )	> 2 g/kg ( Rabbit )	> 5800 mg/m <sup>3</sup> ( Rat ) 4 h
QUARTZ 14808-60-7	= 500 mg/kg ( Rat )	-	-
Nonane 111-84-2	-	-	= 3200 ppm ( Rat ) 4 h
Trimethyl Benzene (mixed Isomers) 25551-13-7	= 8970 mg/kg ( Rat )	-	-
Titanium Dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	-

## Section 12. ECOLOGICAL INFORMATION

**Ecotoxicity effects:** 99.39268% of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Persistence** No data available

**Degradability:** No data available

Chemical Name	Partition coefficient
Asphalt (at Ambient Temperature) 8052-42-4	6

## Section 13. DISPOSAL CONSIDERATIONS

**Cleanup considerations:** Disposal and incineration should be in accordance with applicable local, regional, national and international laws and regulations.  
Do not reuse container.

## Section 14. TRANSPORT INFORMATION

According to DOT regulations, this product is only considered hazardous when being transported in (a) container(s) whose volume(s) exceed(s) one hundred nineteen (119) gallons (450 liters).

For Containers Exceeding 119 Gallons:

Hazmat Description & Proper Shipping Name: Asphalt, 3, NA 1999 PG III

ID Number: NA 1999

Hazard Class: 3

Packing Group: PG III

## Section 15. REGULATORY INFORMATION

### International Inventories

#### **TSCA**

All of the components of this product are listed on the US TSCA (Toxic Substances Control Act) Inventory or are exempt.  
All of the components of this product are listed on the DSL.

#### **DSL/NDSL**

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	Yes
<b>Fire hazard</b>	Yes
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

#### **CWA (Clean Water Act)**

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)

#### **CERCLA**

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).

### US State Regulations

#### **California Proposition 65**

This product contains the following Proposition 65 chemicals

<b>Chemical Name</b>	<b>California Proposition 65</b>
Hydrated Aluminum-Magnesium Silicate (Attapulgite) - 12174-11-7	Carcinogen
QUARTZ - 14808-60-7	Carcinogen
Titanium Dioxide - 13463-67-7	Carcinogen

<b>Chemical Name</b>	<b>CAS#</b>	<b>New Jersey</b>	<b>Massachusetts</b>	<b>Pennsylvania</b>
Asphalt (at Ambient Temperature)	8052-42-4	X	X	X
Mineral Spirits (with < 0.1% Benzene)	8052-41-3	X	X	X
Kaolin	1332-58-7	X	X	X
Limestone	1317-65-3	X	X	X
Cellulose Fiber	9004-34-6	X	X	X
QUARTZ	14808-60-7	X	X	X
Titanium Dioxide	13463-67-7	X	X	X

## Section 16. OTHER INFORMATION

The information and recommendations contained herein are based upon tests, data, and information resources believed to be reliable. However, the J.C. Whitlam Manufacturing Company, Inc., and its related operations or divisions (Whitlam) do not guarantee the accuracy or completeness, nor shall any of this information constitute a warranty, whether expressed or implied, as to the safety of goods, the merchantability of the goods or the fitness of the goods for a particular purpose. Adjustment to conform to actual conditions of usage may be required. Whitlam assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of this data. No warranty against infringement of any patent, copyright or trademark is made or implied.