



Material Safety Data Sheet –OSHA 174

Materials Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements

US Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved OMB No. 1218-0072

H.M.I.S. RATING

Health	2
Flammability	2
Reactivity	0
Protective Equip.	B

FlexShield 104 - Flashing Cement

Section I

Manufacturer's Name

GlobalShield, Inc.

Address

GlobalShield
320 Northpoint Pkwy. Suite O
Acworth, GA 30102

Emergency Telephone

800-424-9300 (ChemTrec)

Primary Contact

Technical Services

NFPA

704

Telephone

800-974-7663

Email

info@globalshield.us

Preparer's Signature

Jerry Solou

Section II Hazardous Ingredients / Identity Information

Hazardous Component	CAS#	OSHA PEL	AGGIH TLV	Other Limits	Percent
Elastomeric Resin	Mixture				10.7
Hydrocarbon Resin	Mixture				24
Hydrocarbon Solvent	8052-41-3	100 ppm TWA	100 ppm TWA		14.5
Inorganic Pigments	Mixture				34.5
Hydrocarbon Solvent	64742-95-6				13.1
Surfactant	Mixture				2.66

This product contains one or more materials which may be subject to the reporting requirements of SARA Title III and of 40 CFR 372. Further details on contents is confidential. Any hazards are included in this MSDS.

IARC has listed some asphalts and solvent extracts of asphalt as capable of causing skin cancer in experimental animals. Whether or not petroleum asphalt can cause cancer in humans is not known.

Section III Physical / Chemical Characteristics

Boiling Point

300-390°F

Vapor Pressure (mm Hg)

<10 mm Hg @ 20°C

Vapor Density (Air=1)

Greater than air

Color

Colored

Odor

Oily

Specific Gravity

<1

Melting Point

N/A

Evaporation Rate (Butyl Acetate=1)

>1

Weight Per Gallon

<8.32

Solubility in Water

Insoluble

Appearance

Liquid

PH

N/A

Max VOC (g/l)

230

Max VOC (lbs/gal)

1.93

% Solids Volume

58.2

% Solids Weight

60.4

% Volatile

39.6

Section IV Fire and Explosion Hazard Data**Flash Point Method**

TCC

Flash Point Temperature

100-120°F

LEL Flammable Limit

0.8

UEL Flammable Limit

5.0

Autoignition Temperature

Not determined

Extinguishing Media

Foam, Carbon Dioxide, Dry Chemical, Water Fog, Spray (Water)

Fire Fighting Procedures

The use of water as the extinguishing medium may only lead to spreading the fire. Try to cover liquid spill with foam. Chemical extinguishers may also be used as well as carbon dioxide. Water spray may be used to cool fire exposed containers and surfaces.

Additional Procedures

Respiratory and eye protection required for fire-fighting personal. Full protective equipment (Bunker Gear) and a self contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may be easily extinguished with a portable fire extinguisher, use of an SCBA may not be required.

Unusual Fire and Explosion Hazards

Intense heat can cause pressure build-up in containers and can result in bursting. Vapors are heavier than air and can travel along the ground to remote sources of ignition. Empty containers may contain residual vapors or liquid that could be ignited by heat, flame, sparks or other ignition sources.

Section V Reactivity Data**Stability**

Material is Stable

Conditions to Avoid

Heat, flame, sparks, or other sources of ignition.

Incompatibility (Materials to Avoid)

Strong Oxidants

Hazardous Decompositions or Byproducts

None

Hazardous Polymerization

Will Not Occur

Conditions to Avoid**Section VI Health Hazard Data****Routes of Entry****If In Eyes****Symptoms**

- Eye irritation
- Blurred vision
- Burning of eyes
- Tearing, redness, or swelling

Emergency and First Aid Procedures

- Flush gently with large amounts of water for at least 15 minutes lifting upper and lower lids occasionally. Get immediate medical attention

If Ingested**Symptoms**

- May be a health hazard if ingested in large quantities.

Emergency and First Aid Procedures

- **DO NOT INDUCE VOMITING**
- Get prompt medical attention.

If Inhaled**Symptoms**

- Dizziness, headaches, even unconsciousness or death.
- Coughing.
- Shortness of breath.

Emergency and First Aid Procedures

- Remove from vapor immediately and if breathing is difficult, administer oxygen.
- If overcome, call physician.
- If breathing has stopped or is irregular, start resuscitation or administer oxygen, as needed.

If on Skin**Symptoms**

- Possible dermatitis or allergenic reaction on repeated contact.

Emergency and First Aid Procedures

- Remove contaminated clothes and wash with waterless hand cleaner or soap and water.

Section VII Precautions for Safe Handling and Use.**Steps to be taken in case material is released or spilled:**

Eliminate sources of ignition. Ventilate area. Wear appropriate safety equipment. Restrict access to area of spill. Contain spill using sand or other inert material. Recover free material to a secure container. Use inert absorbent to pick up residue. Wash area with soap and water.

Waste Disposal Method:

Dispose of material in accordance with applicable Federal, State and local regulations. This material is a RCRA regulated hazardous waste.

Precautions for Handling and Storage:

Do not store containers near heat, sparks, open flames or other sources of ignition. Keep container closed when not in use. Wear appropriate personal protective equipment when handling product. Grounding is required for pumping or spraying of material. Wash hands after using product and before eating or smoking.

Other Precautions:

Avoid breathing vapors. Avoid prolonged or repeated contact with skin. Remove contaminated clothing and launder before reuse. Remove contaminated shoes and thoroughly dry before reuse. Wash skin thoroughly with soap and water after contact.

Section VIII Control Measures

Ventilation

Use with adequate ventilation.

Other

N/A

Protective Equipment Required

Respirator

FOR OUTDOOR USE ONLY. Avoid breathing vapors or spray mist. If vapors exceed TLV, use a NIOSH/MSHA approved respirator equipped with an Organic Vapor cartridge or self-contained breathing apparatus.

Gloves

Impervious plastic or rubber gloves.

Goggles

Wear eye protection

Clothing

Wear long pants and long sleeved shirt. Remove contaminated clothing and launder before reuse.

Work Hygienic Practices

Use waterless hand cleaner to remove material from skin. Avoid breathing of vapors and spray mist. Equipment must be grounded for pumping or spraying. Use explosion-proof equipment. Eye wash stations and safety showers should be available.

Section IX Special Precautions for Safe Handling and Storage

Precautions for Handling and Storage

Ambient temperature and atmospheric pressure

Other Precautions

Keep container closed. Loosen closure cautiously before opening. Store in a cool, well ventilated area away from incompatible materials see Section 10 - Stability and Reactivity. Keep away from heat, sparks and flame. Empty containers may retain hazardous properties. Wash hands before eating, smoking, or using toilet facilities. Wash contaminated work clothing before re-use. Follow all MSDS/label warnings even after container is empty - Protect from freezing.

Section X Transportation Data

DOT

Not Regulated in individual containers holding less than 119 gallons.

DOT Proper Shipping Name:

Combustible Material, NOS,3, NA 1993, PG III
Contains Petroleum Distillates

IMDG

Not Regulated

IATA

Not Regulated

Section XI Regulatory Information

OSHA: Not Regulated

Under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) any environmental release of the following chemicals at or over the reportable quantity listed must be reported promptly to the National Response Center. Washington, DC. 1-800-424-8802

Hydrocarbon Solvent CAS # 8052-41-3 1000 lbs

Title III of the Superfund Amendments and Re-authorization Act (SARA) has created new reporting requirements for companies that handle certain chemicals and chemical categories. Specifically, Section 313 of SARA requires suppliers of mixtures or products containing these regulated chemicals to notify their customers. Therefore we are notifying you that this product contains Section 313 listed materials and their respective percentage by weight is indicated below.

Hydrocarbon Solvent CAS # 8052-41-3 39.6%

California Proposition 65: This product contains a chemical known to the state of California to cause cancer, birth defects or any other harm.

Section XII Other Information

For industrial use only. Do not take internally. Containers must not be used for other purposes. Do not weld or flame cut an empty container. Do not transfer to unmarked containers. This information is furnished without warranty, representation, or license of any kind except that it is accurate to the best of the GlobalShield's knowledge or obtained from sources believed by the GlobalShield, Inc. to be accurate. The GlobalShield Inc does not assume any legal responsibility for use or reliance upon same. Customers are encouraged to conduct their own tests. Before using any product read the label instructions.

Glossary: ACGIH- American Conference of Governmental Industrial Hygienist
 IARC- International Agency for Research on Cancer
 MSHA- Mine Safety and Health Administration
 NIOSH- National Institute for Occupational Safety and Health
 NTP- National Toxicology Program
 OSHA- Occupational Safety and Health Administration

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