

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Name: **Modified Flashing Cement**
 Product Number: **709**
 Class: Not Mentioned
 Company Address: 3131 N. Columbia Blvd., Portland, OR 97217-7472 • P.O. Box 17217, Portland, OR 97217 -0217
 Telephone: (503) 283-1191 • 1-800-545-1191 Fax: (503) 289-7644 Website: <http://www.MalarkeyRoofing.com>

SECTION 2 - HAZARDOUS INGREDIENTS

CAS# 8052-41-3	%Volume: 3-4%
CAS# 8052-42-4	%Volume: 3-4%
CAS# 64742-95-6	%Volume: 3-4%

Explosive Limits: LEL: NDA, UEL: NDA
Weight per Gallon: Approx. 7.5 lbs
%Volatile Volume: 52-56%,
%Water Volume: 0.0%

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview: This product contains asphalt. Some asphalt contains sulfur compounds which may form H2S when heated or burnt.
Potential Health Effects:
Skin: May cause skin irritation.
Eyes: May cause eye irritation, blurred vision, dizziness, headaches, & possible unconsciousness.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting & diarrhea.
Inhalation: Can cause chemical Pneumonitis which can be fatal.

SECTION 10 - STABILITY & REACTIVITY

Chemical Stability: Stable under normal condition
Conditions to Avoid: Source of ignition
Incompatible Materials: Strong Oxidants
Hazardous Decomposition Products: May form COx, black particulates
Hazardous Polymerization: Will not occur

SECTION 4 - FIRST AID MEASURES

Eye: Wash eyes with water thoroughly for 15 minutes.
Skin: Wash Skin with soap and water. Do not use solvents
Ingestion: Take necessary precautions to avoid swallowing.
Inhalation: Move person to fresh air. Apply artificial respiration if needed.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity: NDA
Carcinogenicity: The IARC Monographs (Vol. 35) reporting on mice painting studies states that there is sufficient evidence for the carcinogen in experimental animals of extracts of some asphalts. The same document states that there is inadequate evidence that asphalts alone are carcinogenic to humans.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: 117°F
Qualitative Flammable & Reactivity Properties: Flammable.
Unusual Fire and Explosion Hazard: Water causes fire to spread
Suitable Extinguishing Media: CO2, Dry Chem foam
PPE & Precautions for Fire Fighters: Do not use water. Use appropriate PPE

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: None

SECTION 13 - DISPOSAL CONSIDERATION

Contact the local authority, comply with local code

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Clean Up Techniques: Extinguish all sources of ignition. Ventilate. Absorb the material with sand earth, sawdust etc.
Personal Precautions: See Section 8

SECTION 14 - TRANSPORT INFORMATION

Shipping Name: Combustible Liquid, NOS (contain mineral spirits), **labeling:** Not Required
Hazard Class: Combustible
DOT: Regulated, I.M.C.O>: UN (NA), #1993 Class: 3.3

SECTION 7 - HANDLING & STORAGE

Handling & Storage: Keep storage container closed. Avoid flames & flammable material. Close air intakes on roof until solid.

SECTION 15 - REGULATORY INFORMATION

All Components of this products are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Values: TLV- 500ppm TLV: 5 mg PEL: NDA
Engineering Controls: Do not store near flame. Use in well ventilated areas
PPE:
Eye: Splash goggles or face shield recommended.
Skin: Protective gloves recommended but not required. Wear apron.
Respiratory: Use appropriate PPE if needed
General Hygiene Considerations: Washing facility & ventilation needed.

SECTION 16 - OTHER INFORMATION

HMIS Rating:

Health:	Flammability:	Reactivity:	PPE:
1	3	0	A

Note: PPE: Personal Protective Equipment
 N/A: Not Applicable, NDA: No Data Available

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SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling Range: 310-400°F minimum
Maximum V.O.C.: <300g/liter (281g/liter)
Vapor Pressure: 5mm @ 68°F
Vapor Density: Heavier than Air
Evaporation Rate: Slower than Ether