

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Name: **Modified Bitumen Adhesive**
 Product Number: **727**
 Class: **Asphalt Cutback Thick Black Liquid**
 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# 64742-88-7 %Volume: 25-30%

%Volatile Volume: 25-30%,
 %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. May cause eye distress
Ingestion: NDA
Inhalation (route of exposure): May cause headache, nausea, throat distress.

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 CO_x, 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: Ingestion is not considered a potential route of exposure
Inhalation: Move person to fresh air. Apply artificial respiration if needed.
 Call a physician

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
Suitable Extinguishing Media: CO₂, Dry Chem foam
PPE & Precautions for Fire Fighters: Firemen should wear MSHA/NIOSH approved apparatus to protect against inhalation.

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. Absorb the material with clay.
Personal Precautions: See Section 8

SECTION 14 - TRANSPORT INFORMATION

By Air & by Water:
Shipping Name: Flammable Liquid, NOS (contain petroleum distillates), **labeling:** Flammable liquid
Packing Group: III
Hazard Class: 3. Flammable
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

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 Guidelines: Exposure Limit Values: **TLV- 500ppm PEL: 500ppm**
Engineering Controls: Do not store near flame. Use in well ventilated areas
PPE:
Eye: Splash protective goggles
Skin: Not normally required but recommended. Wear apron.
Respiratory: Not normally required
General Hygiene Considerations: Washing facility recommended.

SECTION 16 - OTHER INFORMATION

HMIS Rating:
Health: 1 **Flammability:** 2 **Reactivity:** 1 **PPE:** B
Note: PPE: Personal Protective Equipment
 N/A: Not Applicable, NDA: No Data Available

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling Range: 310-400°F minimum
Maximum V.O.C.: 250 g/liter
Vapor Pressure: 5mm @ 72°F
Vapor Density: Heavier than Air
Evaporation Rate: Slower than Ether
Explosive Limits: LEL: 1%, UEL: NDA
Weight per Gallon: Approx. 8.5 lbs

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