

MASTIC FOR ASPHALT COATED FLASHING

1. Product Data

Date of Preparation: February 2nd, 2017

Product Name: MASTIC FOR ASPHALT COATED FLASHING

Producer: Hohmann & Barnard, 30 Rasons Court, Hauppauge, NY 11788

Telephone: 800.645.0616

24hr Emergency Line: CHEMTREC 800-424-9300

2. Hazards Identification

Product may cause respiratory irritation, headache, dizziness, nausea and vomiting. Prolonged or repeated contact with skin may cause dermatitis

Flammable liquid: 3

Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)

Skin corrosive: 2

Reversible adverse effects in dermal tissue, Draize score: $\geq 2.3 < 4.0$ or persistent inflammation

Eye corrosive: 2B

Mild eye irritant: Subcategory 2B, Reversible in 7 days

Carcinogen: 2

Limited evidence of human or animal carcinogenicity

GHS Hazards:

H226 Flammable liquid and vapor

H315+H320

Causes skin and eye irritation

H351 Suspected of causing cancer

GHS Precautions:

P201 Obtain special instructions before use

P202 Do not handle until all safety precautions have been read and understood

P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking

P233 Keep container tightly closed

P240 Ground/bond container and receiving equipment

P241 Use explosion-proof electrical/ventilating/light/.../equipment

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge

P264 Wash hands thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P281 Use personal protective equipment as required

P321 Specific treatment (see section 4 on this SDS)

P362 Take off contaminated clothing and wash before reuse

P303+P361+P353

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with soap and water/shower

P305+P351+P338

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P308+P313

IF exposed or concerned: Get medical advice/attention

P332+P313

If skin irritation occurs: Get medical advice/attention

P337+P313

If eye irritation persists, get medical advice/attention

P370+P378

In case of fire: Use appropriate media (see section 5) to extinguish

P405 Store locked up

P403+P235

Store in a well ventilated place. Keep cool

P501 Dispose of contents/container (see section 13)

Signal Word: Warning

Acute Toxicity: Not classified



3. Composition

Chemical Name	CAS Number	Concentration
Asphalt	8052-42-4	50.00% - 60.00%
Aliphatic Petroleum Distillates	8052-41-3	20.00% - 30.00%
Hydrated Magnesium Aluminum Silicate	8031-18-3	10.00% - 20.00%
Cellulose Fiber	9004-34-6	1.00% - 5.00%
SBS Blend for Cements	SBS Mixture	1.00% - 5.00%
Cationic Salt	28701-67-9	1.00% - 5.00%

4. First Aid

If respiratory discomfort occurs, remove to fresh air. If discomfort continues, administer oxygen and get medical attention.

If this product comes in contact with with eyes, flush eyes with plenty of water for at least 15 minutes and seek medical help.

If this product comes in contact with skin, remove material with mineral oil, then wash with soap and plenty of water.

If swallowed, do not induce vomiting. Get medical attention. Treat symptomatically.

5. Fire Fighting Measures

Flash Point: N/A

Flammable Limits: LEL: 124.00 UEL: 124.00

Suitable Extinguishing Media: Use dry chemical, CO₂, water spray (FOG) or foam.

Unsuitable Extinguishing Media:

Avoid solid water stream as it may scatter and spread fire.

When heated above flash point, material will release flammable vapors which can burn or be explosive in confined spaces if ignited. Do not mix with strong oxidants such as liquid chlorine or concentrated oxygen.

Elevated temperatures can lead to the formation of irritating vapors. Decomposing products may include the following materials: Carbon dioxide and Carbon monoxide.

Minimize breathing vapors, gases or fumes of decomposition products. Do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

6. Accidental Release Measures

Eliminate Sources of ignition and ventilate the area. Add sand or earth or absorb spill with suitable absorbent material and place in a closed container.

Keep products out of sewers and waterways by diking or impounding. Advise authorities if product has entered or may enter sewers or waterways. Assure conformity with applicable governmental regulations.

7. Handling and Storage

Vapors are heavier than air and may travel along the ground or be moved by ventilation to locations distant from the point of material handling. To prevent fumes from entering buildings or confined areas, close all air intake sources near the material handling or the work area. To prevent ignition, avoid smoking, keep away from heat, open flames and sources of static or electrical sparking.

Use explosion proof motors and equipment. Tank trucks or other containers should be grounded and/or bonded when the material is transferred.

Avoid prolonged or repeated inhalation of vapors or spray mists. Avoid prolonged or repeated skin contact. Adhere to good hygienic practices. Avoid open flames. Use with adequate ventilation.

Store in a cool, dry place, out of direct sunlight and away from heat, sparks, and flame.

Health studies have shown that many petroleum hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

8. Exposure Controls / Personal Protection

Chemical Name	OSHA Exposure Limits	ACGIH Exposure Limits
Asphalt 8052-42-4	Not Established	0.5 mg/m ³
Aliphatic Petroleum Distillates 8052-41-3	TWA: 500 ppm	TWA: 100 ppm
Hydrated Magnesium Aluminum Silicate 8031-18-3	NONE	NONE
Cellulose Fiber 9004-34-6	PEL-TWA 15mg/m ³ Total PEL-TWA 5mg/m ³ Respirable	TLV-TWA 10 mg/m ³
SBS Blend for Cements SBS Mixture	Not Established	Not Established
Cationic Salt 28701-67-9	Not Established	Not Established

Local Exhaust: In enclosed areas.

Mechanical: In confined areas.

Special: None

Other: None

Respiratory Protection: Use supplied-air respirator in confined areas or with vapors in high concentrations.

Eye Protection: Safety glasses or face shield for liquid material.

Protective Gloves: Solvent impervious gloves.

Other Protective Clothing Equipment: Long sleeves and impervious clothing to protect against splashing.

Work/Hygienic Practices: See Section 7

9. Physical and Chemical Properties

Appearance and Odor: Dark liquid. Mild petroleum odor

Vapor Pressure: 3

Boiling Range: 104 to 204°C

Flash Point (PMCC): 104°F min.

Evaporation Rate (Butyl Acetate=1)@ 77°F: 0.2

Melting Point (R & B): N/A

Vapor Density (Air = 1): >4

Solubility in water: Insoluble.

Specific Gravity (H₂O=1): 1.0 - 1.05

10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: Keep away from heat, spark, open flames.

Incompatibility (Materials to Avoid): May react with strong oxidizing materials

Hazardous Decomposition Products:

Combustion: carbon dioxide (CO₂), carbon monoxide (CO), nitrogen oxides, smoke, and fumes.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

Component Toxicity

8052-42-4 Asphalt
Oral LD50: 5,000 mg/kg (Rat)
Dermal LD50: 2,000 mg/kg (Rabbit)
Inhalation LC50: 94

8052-41-3 Aliphatic Petroleum Distillates
Oral LD50: 5 g/kg (Rat)
Dermal LD50: 3 g/kg (Rabbit)
Inhalation LC50: 18 g/m³ (Rat)

Routes of Entry: Inhalation, Skin Contact, Eye Contact, Ingestion

Effects of Overexposure

Carcinogenicity, NTP: Yes

IARC Monographs: Yes

OSHA Regulated?: No

12. Ecological Information

Ecotoxicity: This product should be considered toxic to aquatic organisms. Avoid release to the environment.

13. Disposal Considerations

Dispose of in accordance with local, state and federal regulations.

14. Transport Information

This material is classified for transport as follows:

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	Asphalt Cements & Coatings Non-Bulk	1993	3	III

15. Regulatory Information

SARA TITLE III - EPA Regulation 40 CFR 302
(CERCLA Section 102); CFR 355 (SARA Section 301-304); CFR 372 (SARA Section 311-313) - NOT APPLICABLE.

This product contains the following chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372

1,2,4 - Trimethylbenzene

CAS# 95-63-6 Weight% 0-2

EPA HAZARD CLASSIFICATION CODE: Acute Hazard/
Chronic Hazard/Fire Hazard/Pressure Hazard/
Reactive Hazard - NOT APPLICABLE.

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- 8031-18-3 Hydrated Magnesium Aluminum Silicate 10 to 20 %
- 8052-41-3 Aliphatic Petroleum Distillates 20 to 30 %
- 8052-42-4 Asphalt 50 to 60 %

New Jersey Worker and Community Right to Know Hazardous Substance List:

The following substance appear on the NJ Right To Know Hazardous Substance List. - None

TSCA, CANADIAN DSL: Yes

The following chemicals are listed under Canadian DSL - None

16. Other Information

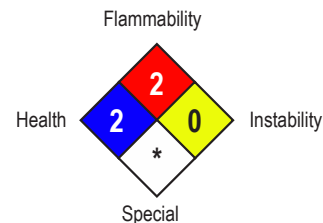
Issue Date: August 1, 2015

Revision Date: February 2, 2017

Hazardous Material Information System (HMIS)

Health	2
Flammability	2
Physical Hazard	0
Personal Protection	<input type="checkbox"/>

National Fire Protection Association (NFPA)



HMIS & NFPA Hazard Rating Legend

- * = CHRONIC HEALTH HAZARD
- 0 = INSIGNIFICANT
- 1 = SLIGHT
- 2 = MODERATE
- 3 = HIGH

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The information has been completed to the best of our knowledge and is believed to be accurate and reliable as from the date indicated. However, no warranty is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy oneself as to the suitability and completeness of such information for his own particular use.

The information contained herein is based on current knowledge and experience; no responsibility is accepted and that the information is sufficient or correct in all cases. Users should consider this data only as a supplement to other information. Users should make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials, the safety and health of employees and customer, and the protection of the environment.