Asphalt Foundation Coating (Spray/Brush)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : Asphalt Foundation Coating (Spray/Brush)

CAS No : 8052-42-4

Product code : 110

Synonyms : asphalt / asphalt blending stocks: straight run residue / asphalt, not cut back / asphalt, petroleum / asphalt, straight reduced / asphalt, straight run / asphalt, syriac / bitumen / bitumes, hot / carpeting medium / compact bitumen / earth pitch / Elevated temperature liquid, n.o.s. / Elevated temperature liquid, n.o.s., at or above 100 °C and below its flashpoint (including molten metals, molten salts, etc.), filled at a temperature higher than 190 °C / judean pitch / mineral pitch / petroleum asphalt / petroleum pitch / petroleum residue, alphalt / petroleum roofing tar / pitch, judean / residual asphalt / road asphalt / road binder / road tar / seal-coating material

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Industrial use
Coating: component

1.3. Details of the supplier of the safety data sheet

ALCO PRODUCTS, LLC
580 St. Jean
Detroit, MI 48214
T (313) 823-7500 - F (313) 331-4726
info@alco-products.com - www.alco-products.com

1.4. Emergency telephone number

Emergency number : (800) 424-9300 CHEMTREC

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Not classified

2.2. Label elements

GHS-US labeling

Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : H227 - Combustible liquid

Precautionary statements (GHS-US) : P211 - Do not spray on an open flame or other ignition source

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Substance type : Multi-constituent

Name : Asphalt Foundation Coating (Spray/Brush)

CAS No : 8052-42-4

Name	Product identifier	%	Classification (GHS-US)
EXXSOL D80, EXXONMOBIL	(CAS No) 64742-47-8	> 40	Flam. Liq. 4, H227 Asp. Tox. 1, H304

Full text of H-phrases: see section 16

3.2. Mixture

Not applicable

4.1. Description of first aid measures

First-aid measures general : Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.

First-aid measures after inhalation : Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

First-aid measures after skin contact : Gently wash with plenty of soap and water.

First-aid measures after eye contact : In case of burns: Rinse immediately with plenty of water for 15 minutes. Do not apply neutralizing agents. Take victim to an ophthalmologist.

First-aid measures after ingestion : Rinse mouth with water. Immediately after ingestion: give lots of water to drink. Do not induce vomiting. Call Poison Information Centre (www.big.be/antigif.htm). Consult a doctor/medical service if you feel unwell. Ingestion of large quantities: immediately to hospital.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : ON HEATING: Headache. Irritation of the respiratory tract. Nausea.

Symptoms/injuries after skin contact : ON HEATING: Burns.

Symptoms/injuries after eye contact : EXPOSURE TO HIGH CONCENTRATIONS: Irritation of the eye tissue.

Symptoms/injuries after ingestion : No data available.

Chronic symptoms : No effects known.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Polyvalent foam. BC powder. Sand/earth. Carbon dioxide.

Unsuitable extinguishing media : Container may slop over if solid jet (water/foam) is applied.

5.2. Special hazards arising from the substance or mixture

Fire hazard : DIRECT FIRE HAZARD. Not easily combustible. INDIRECT FIRE HAZARD. Temperature above flashpoint: higher fire/explosion hazard.

Explosion hazard : DIRECT EXPLOSION HAZARD. No data available on direct explosion hazard. INDIRECT EXPLOSION HAZARD. No data available on indirect explosion hazard.

Reactivity : In molten state: reacts violently with water (moisture). On heating: formation of small quantities of hydrogen sulphide. Upon combustion: CO and CO2 are formed.

5.3. Advice for firefighters

Firefighting instructions : Cool tanks/drums with water spray/remove them into safety.

Protection during firefighting : Heat/fire exposure: compressed air/oxygen apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Gloves. Protective clothing. Large spills/in enclosed spaces: compressed air apparatus. See "Material-Handling" to select protective clothing.

Emergency procedures : Mark the danger area. No naked flames. Wash contaminated clothes.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

For containment : Contain released substance, pump into suitable containers. Plug the leak, cut off the supply.

Methods for cleaning up : If melted: allow liquid to solidify before taking it up. Start cleanup only if spill has cooled completely. Wash clothing and equipment after handling.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Keep away from naked flames/heat. Observe strict hygiene. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage temperature : > 21 °C

Heat-ignition : KEEP SUBSTANCE AWAY FROM: heat sources.

Prohibitions on mixed storage : KEEP SUBSTANCE AWAY FROM: oxidizing agents.

Storage area : Keep container in a well-ventilated place. Fireproof storeroom. Meet the legal requirements.

Special rules on packaging : SPECIAL REQUIREMENTS: closing. correctly labelled. meet the legal requirements. Secure fragile packagings in solid containers.

Packaging materials : SUITABLE MATERIAL: No data available. MATERIAL TO AVOID: No data available.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Asphalt Foundation Coating (Spray/Brush) (8052-42-4)		
ACGIH	ACGIH TWA (mg/m³)	0.5 mg/m³
OSHA	Not applicable	

EXXSOL D80, EXXONMOBIL (64742-47-8)	
ACGIH	Not applicable
OSHA	Not applicable

8.2. Exposure controls

Materials for protective clothing : GIVE GOOD RESISTANCE: leather. viton. GIVE LESS RESISTANCE: neoprene. GIVE POOR RESISTANCE: butyl rubber. chlorosulfonated polyethylene.

Hand protection : Gloves.

Eye protection : Safety glasses.

Skin and body protection : Heatproof clothing.

Respiratory protection : On heating: Gas mask with filter type A.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : No data available

Appearance : Solid.

Color : Dark brown to black

Odor : Characteristic odour

Odor threshold : No data available

pH : No data available

Relative evaporation rate (butyl acetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : > 370 °C

Flash point : 204 - 288 °C

Auto-ignition temperature : 350 - 485 °C

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapor pressure : No data available

Relative vapor density at 20 °C : > 1

Relative density : > 1

Solubility	:	Insoluble in water. Soluble in ethanol. Soluble in ether. Soluble in acetone. Soluble in chloroform. Soluble in tetrachloromethane. Soluble in carbondisulfide. Soluble in turpentine.
Log Pow	:	> 6 (Calculated)
Log Kow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	> 0.17 Pa.s (135 °C)
Explosive properties	:	No data available
Oxidizing properties	:	No data available
Explosive limits	:	No data available

9.2. Other information

Softening point : > 45 °C

SECTION 10: Stability and reactivity

10.1. Reactivity

In molten state: reacts violently with water (moisture). On heating: formation of small quantities of hydrogen sulphide. Upon combustion: CO and CO2 are formed.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Asphalt Foundation Coating (Spray/Brush) (\f)8052-42-4	
LD50 oral rat	> 2000 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Asphalt Foundation Coating (Spray/Brush) (8052-42-4)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

Symptoms/injuries after inhalation : ON HEATING: Headache. Irritation of the respiratory tract. Nausea.

Symptoms/injuries after skin contact : ON HEATING: Burns.

Symptoms/injuries after eye contact : EXPOSURE TO HIGH CONCENTRATIONS: Irritation of the eye tissue.

Symptoms/injuries after ingestion : No data available.

Chronic symptoms : No effects known.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - air : Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009).

Asphalt Foundation Coating (Spray/Brush) (8052-42-4)	
LC50 fish 1	> 1000 mg/l (96 h; Pisces)
LC50 other aquatic organisms 1	> 1000 mg/l (96 h)

EXXSOL D80, EXXONMOBIL (64742-47-8)	
EC50 Daphnia 1	> 10000 mg/l (Amphipoda)

12.2. Persistence and degradability

Asphalt Foundation Coating (Spray/Brush) (8052-42-4)	
Persistence and degradability	Not readily biodegradable in water.

EXXSOL D80, EXXONMOBIL (64742-47-8)	
Persistence and degradability	Readily biodegradable in water.

12.3. Bioaccumulative potential

Asphalt Foundation Coating (Spray/Brush) (8052-42-4)	
Log Pow	> 6 (Calculated)
Bioaccumulative potential	Not bioaccumulative.

EXXSOL D80, EXXONMOBIL (64742-47-8)	
Log Pow	> 3
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer :

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Recycle/reuse. Dissolve or mix with a combustible solvent. Remove to an authorized dump. Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery.

Additional information : Can be considered as non hazardous waste according to Directive 2008/98/EC.

SECTION 14: Transport information

In accordance with DOT

Transport document description : UN1999 Tars, liquid, 3, III

UN-No.(DOT) : UN1999

Proper Shipping Name (DOT) : Tars, liquid

Department of Transportation (DOT) Hazard Classes : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Hazard labels (DOT) : 3 - Flammable liquid

Packing group (DOT) : III - Minor Danger

Additional information

Other information : No supplementary information available.

ADR

Transport document description	:	UN 3257, 9, III, (D)
Packing group (ADR)	:	III
Class (ADR)	:	9 - Miscellaneous dangerous substances and articles
Hazard identification number (Kemler No.)	:	99
Classification code (ADR)	:	M9
Hazard labels (ADR)	:	9 - Miscellaneous dangerous compounds

Tunnel restriction code (ADR)	:	D

Transport by sea

UN-No. (IMDG)	:	3257
Class (IMDG)	:	9 - Miscellaneous dangerous compounds
EmS-No. (1)	:	F-A
EmS-No. (2)	:	S-P

Air transport

UN-No.(IATA)	:	3257
Class (IATA)	:	9 - Miscellaneous Dangerous Goods

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

15.2.2. National regulations

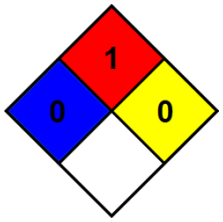
15.3. US State regulations

SECTION 16: Other information

Full text of H-phrases:

Asp. Tox. 1	Aspiration hazard Category 1
Flam. Liq. 4	Flammable liquids Category 4
H227	Combustible liquid
H304	May be fatal if swallowed and enters airways

NFPA health hazard	:	0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard	:	1 - Must be preheated before ignition can occur.
NFPA reactivity	:	0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product