

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

1.1. Product identifier

Product form : Mixture Document No.: SDS277
 Trade name : Hyload Neoprene Mastic
 CAS No : Neoprene polymer
 Product code : Supplier #5148HY

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

Use of the substance/mixture : Mastic, construction market

1.3. Details of the supplier of the safety data sheet

Hyload Inc.
 5020 Enterprise Parkway
 Seville, Ohio 44273
 (330) 336-6604
www.hyload.com

1.4. Emergency telephone number

Emergency number : 800-424-9300 (CHEMTREC), 202-483-7616 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Flam. Liq. 3 H226
 Skin Irrit. 2 H315
 Muta. 1B H340
 Carc. 1B H350
 STOT RE 1 H372
 Asp. Tox. 1 H304
 Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

DANGER

Hazard statements (GHS-US) :

H226 - Flammable liquid and vapour
 H304 - May be fatal if swallowed and enters airways H315 - Causes skin irritation
 H340 - May cause genetic defects
 H350 - May cause cancer
 H372 - Causes damage to organs through prolonged or repeated exposure

Precautionary statements (GHS-US) :

P201 - Obtain special instruction before use
 P202 - Do not handle until all safety precautions have been read and understood
 P210 - Keep away from open flames, sparks. - No Smoking
 P233 - Keep tightly closed
 P240 - Ground/bond container and receiving equipment
 P241 - Use explosion-proof ventilating, electrical, lighting equipment
 P242 - Use only non-sparking tools
 P243 - Take precautionary measures against static discharge
 P260 - Do not breathe vapours, fume
 P264 - Wash hands, forearms and face, clothing thoroughly after handling
 P270 - Do no eat, drink or smoke when using this product
 P280 - Wear eye protection, protective gloves, protective clothing
 P301+P310 - If swallowed, immediately call a doctor, a POISON CENTER
 P302+P352 - If on skin, Wash with plenty of water
 P303+P361+P353 - If on skin (or hair), Take off immediately all contaminated clothing. rinse skin with water/shower

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Precautionary statements (GHS-US)

P308+P313 - If exposed or concerned: Get medical advice/attention
P314 - Get medical advice/attention if you feel unwell
P321 - Specific treatment (see details on this label)
P331 - Do not induce vomiting
P332+P313 - If skin irritation occurs: Get medical attention
P362 - Take off contaminated clothing and wash before reuse
P370+P378 - In case of fire: Use carbon dioxide (CO₂), ABC-powder, foam dry

extinguishing powder, Do not use water to extinguish

P403+P235 - Store in a well ventilated place. Keep cool.

P405 - Store locked up

P501 - Dispose of contents/container in accordance with local, regional, and national regulations.

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

Not applicable

3.2. Mixture

Name	Product identifier	%
asphaltic bitumen, not cut back	(CAS No) 8052-42-4	40 - 50
Mineral spirits	(CAS No) 8052-41-3	10 - 20
attapulgite	(CAS No) 12174-11-7	0 - 10
Solvent naphtha (petroleum), light arom., Low boiling point naphtha - unspecified, [A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominately of aromatic hydrocarbons having carbon numbers C8 - C10 and boiling in the range of 135 - 210°C]	(CAS No) 64742-95-6	0 - 10
quartz, conc respirable crystalline silica >=10%	(CAS No) 14808-60-7	0 - 10

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned; Get medical attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing

First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/injuries after skin contact : Irritation.

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

Treat symptomatically

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable
Explosion hazard : May form flammable/explosive vapour-air mixture
Reactivity : Product is stable

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel : No additional information available.
6.1.2. For emergency responders : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Refer to section 8: "Exposure controls/personal protection".
Protective equipment

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or sold residues at an authorized site.

6.4. Reference to other sections

See Section 13 for further information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe fume, vapours. Avoid contact with skin and eyes.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before use. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.
Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.
Incompatible materials : Avoid contact with strong oxidizing agents and acids.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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ACGIH	Not applicable
OSHA	Not applicable

Asphaltic bitumen (8052-42-4)

ACGIH	Not applicable
OSHA	Not applicable

Mineral Spirits (8052-41-3)

ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (ppm)	100 ppm

Mineral Spirits (8052-41-3)

ACGIH	Remark (ACGIH)	Eye, skin, & kidney dam;
OSHA	OSHA PEL (TWA) (mg/m ³)	2900 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	500 ppm

Attapulgite (12174-11-7)

ACGIH	Not applicable
OSHA	Not applicable

Solvent naphtha (petroleum), light arom., Low boiling point naphtha - unspecified, [A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominately of aromatic hydrocarbons having carbon numbers C8 - C10 and boiling in the range of 135 - 210°C] (64742-65-6)

ACGIH	Not applicable
OSHA	Not applicable

quartz (14808-60-7)

ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³
OSHA	Remark (OSHA)	(3) See Table Z-3

8.2. Exposure controls

Appropriate Engineering Controls : Ensure good ventilation of the work station.

Personal protective equipment : Gloves. Safety glasses. Protective clothing.



Hand protection : Wear protective gloves.
Eye protection : Chemical goggles or safety glasses.
Skin and body protection : Wear suitable protective clothing.
Respiratory protection : Wear appropriate mask.
Other information : Do not eat, drink or smoke during use. Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Black thick mastic with a mild hydrocarbon odor.
Colour : Black
Odour : Very mild hydrocarbon odor.

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Odour threshold	: No data available; there may be no odour warning properties, subject to temperature
pH	: 6 - 8
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: >105°F
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: > 1.08 g/cm ³
Solubility	Water: Solubility in water of component(s) of the mixture : calcium carbonate: 0.0014 g/100ml; mineral spirits: <0.1g/100ml; attapulgitic: insoluble cellulose: <0.1 g/100ml; kaolin: < 0.1g/100ml; 1,3-butadiene/styrene polymer: insoluble; quartz, conc respirable crystallin silica >=10%: insoluble
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: ~5000000 cSt
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Product is stable.

10.2. Chemical stability

May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong acids. Strong bases, Oxidizing agents.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Mineral Spirits (8052-41-3)	
LD50 oral rat	> 5000 mg/kg (Rat)
LD50 dermal rabbit	> 3000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	> 5.5 mg/l/4h (Rat)

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Skin corrosion/irritation	: Causes skin irritation
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: May cause genetic defects
Carcinogenicity	: May cause cancer.

asphaltic bitumen, not cut back (8052-42-4)

IARC group	2A - Probably carcinogenic to humans, 2B - Possibly carcinogenic to humans
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attapulgite (12174-11-7)

IARC group	2B - Possibly carcinogenic to humans, 3 - Not classified
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quartz, conc respirable crystalline silica > = 10% (14808-60-7)

IARC group	1 - Carcinogenic to humans
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Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Causes damage to organs through prolonged or repeated exposure
Aspiration hazard	: May be fatal if swallowed and enters airways
Symptoms/injuries after skin contact	: Irritation

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : This product may cause adverse environmental effects if used improperly or released to the environment through a spill. Employ best management practices to prevent this material from entering storm sewer systems, waterways or otherwise impacting plant and animal species.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

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 : This product as supplied, is regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. If discarded in its purchased form, the product is a RCRA hazardous waste. It is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or residue of the product remains classified as a hazardous waste as per 40 CFR 261, Subpart C. State or local regulations may also apply if they are differing from federal regulations. RCRA Hazard Class D001, Ignitable Hazardous Waste.

SECTION 14: Transport information

In accordance with DOT
Not regulated for transport

Additional information

Other information : Not regulated when shipped in containers < 119 gallons [49 CFR 173.120(b)(2)].

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ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

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Not listed on the United States TSCA (Toxic Substances Control Act) inventory

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

attapulgite	CAS No 12174-11-7	5.00%
quartz, conc respirable crystalline silica $\geq 10\%$	CAS No 14808-60-7	5.00%
calcium carbonate	CAS No 471-34-1	15.00%

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

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

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

California Proposition 65 - This product does contain, or may contain, trace quantities of a substance known to the state of California to cause cancer and/or reproductive harm

attapulgite (12174-11-7)

US-California Proposition 65 Carcinogens List	US-California Proposition 65 Developmental Toxicity	US-California Proposition 65 Reproductive Toxicity-Female	US-California Proposition 65 Reproductive Toxicity-Male	No significance risk level (NSRL)
Yes	No	No	No	

asphaltic bitumen, not cut back (8052-42-4)

U.S. - New Jersey - Right to Know Hazardous Substance List

mineral spirits (8052-41-3)

U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16: Other information

Other information : None.

Full text of H-phrases:

Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1A	Carcinogenicity, Category 1A
Carc. 1B	Carcinogenicity, Category 1B
Carc. 2	Carcinogenicity, Category 2
Flam. Liq 3	Flammable liquids, Category 3
Muta. 1B	Germ cell mutagenicity, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 1	Specific target organ toxicity - Repeated exposure, Category 1

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NFPA health hazard	: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
NFPA fire hazard	: 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

Neoprene Mastic



HMIS III Rating

Health	: 2 Moderate Hazard - Temporary or minor injury may occur
Flammability	: 2 Moderate Hazard
Physical	: 0 Minimal Hazard
Personal Protection	: B

TBC SDS US (GHS Hazcom 2012)

The information and recommendations contained herein are to the best of Hyload Inc. knowledge and belief, accurate and reliable as of the date issued. Hyload Inc. does not warrant or guarantee their accuracy or reliability, and Hyload Inc. shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the users consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. It is also the users responsibility to make certain that it is relying upon the most recent, updated, information and recommendations available from Hyload Inc..

The Environmental Information included, as well as the Hazardous Material Identification System (HMIS) and National Fire Protection Association (NFPA) ratings, have been included by Hyload Inc. in order to provide additional health and hazard classification information. The ratings recommended are based upon the criteria supplied by the developers of these rating systems, together with Hyload Inc. interpretation of the available data.