

Safety data sheet
according to 1907/2006/EC, Article 31

Printing Date: 10.12.2020

Version Number: 4.0

Revision Date: 10.12.2020

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

1.1 Product identifier:

Trade name: ***Bituthene Mastic***

UFI: 1KA0-D0EV-8000-6PGU

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

Relevant identified uses of the substance or mixture: Waterproofing.

Identified uses advised against: No further relevant information available.

1.3 Details of the supplier of the safety data sheet:

Manufacturer/supplier:

GCP Applied Technologies (UK) Limited
487-488 Ipswich Road,
Slough, Berkshire
SL1 4EP

Tel: +44 (0)1753 490 000

Fax: +44 (0)1753 490 001

De Neef Construction Chemicals BVBA
Industriepark 8,
2220 Heist-op-den-Berg,
Belgium.

Tel: +32 15 24 93 60

Fax: +32 15 24 80 72

www.gcpat.com

Further information obtainable from: msds.gcp@gcpat.com

1.4 Emergency telephone number:

For Chemical Emergency: (Spill, Leak, Fire, Exposure or Accident) - Call CHEMTREC (Day/Night) on:

Within USA & Canada : 800-424-9300,

Outside USA & Canada : +1 703-741-5970

National emergency telephone number: CHEMTREC UK +(44)-870-8200418

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226 Flammable liquid and vapour.

STOT RE 2 H373 May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalation.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

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2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02 GHS08

Signal word Warning

Hazard-determining components of labelling:

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Hazard statements

H226 Flammable liquid and vapour.

H373 May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalation.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P243 Take action to prevent static discharges.

P273 Avoid release to the environment.

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

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

Hazard description: Flammable

2.3 Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterization: Mixture:

Description:

Mixture of substances listed below with non-hazardous additions.

For further information, please refer to the product technical data sheet.

Dangerous components:

CAS: 67-63-0 EINECS: 200-661-7 Index number: 603-117-00-0 Reg.nr.: 01-2119457558-25-XXXX	Isopropanol Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	5-<10%
EC number: 919-006-8 Reg.nr.: 01-2119455996-19-XXXX	Distillates (petroleum), hydrosulfurized middle Asp. Tox. 1, H304 Aquatic Chronic 4, H413	5-<10%
EC number: 919-446-0 Index number: 064-940-50-0 Reg.nr.: 01-2119458049-33-XXXX	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) Flam. Liq. 3, H226 STOT RE 1, H372; Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H336	5-<10%
	Acetate Surfactant (containing 3-(isodecyloxy)propylammonium acetate) Skin Corr. 1A, H314; Eye Dam. 1, H318 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute Tox. 4, H302	0.1-<1%

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SECTION 4: First aid measures

4.1 Description of first aid measures:

General information: Get medical advice/attention if you feel unwell.

After inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

After skin contact: Wash with plenty of soap and water.

After eye contact: Rinse cautiously with water for several minutes.

After swallowing:

Rinse mouth.

Do NOT induce vomiting.

Call for a doctor immediately.

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

Dizziness

Coughing.

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

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water jet.

5.2 Special hazards arising from the substance or mixture:

During heating or in case of fire poisonous gases are produced.

5.3 Advice for firefighters:

Protective equipment: Wear self-contained respiratory protective device.

Additional information: Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

Use respiratory protective device against the effects of fumes/dust/aerosol.

6.2 Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up: Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.

Do not eat, drink or smoke when using this product.

Store in a well-ventilated place. Keep container tightly closed.

Keep only in original packaging.

Use only outdoors or in a well-ventilated area.

Information about fire - and explosion protection:

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.



Keep ignition sources away - Do not smoke.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Ground and bond container and receiving equipment.

7.2 Conditions for safe storage, including any incompatibilities:

STORAGE

Information about storage in one common storage facility: Keep respiratory protective device available.

Further information about storage conditions:

Keep container tightly sealed.

Protect from frost.

Store in a dry place.

Keep cool.

7.3 Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

67-63-0 Isopropanol

WEL	Short-term value: 1250 mg/m ³ , 500 ppm
	Long-term value: 999 mg/m ³ , 400 ppm

Additional information: Based on the lists valid at the date of SDS creation.

8.2 Exposure controls:

PERSONAL PROTECTIVE EQUIPMENT

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:

Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.

If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

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EN 143.

Protection of hands:

Protective gloves.

EN 374.

Material of gloves: Rubber gloves.**Penetration time of glove material:**

The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Safety glasses with side shield protection.

EN 166.

Body protection:

Use personal protective equipment as required.

Take off contaminated clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

GENERAL INFORMATION**Appearance:**

Form:	Paste.
Colour:	Black.
Odour:	Characteristic.
Odour threshold:	Not determined.

pH-value (~):	Not determined.
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Change in conditions:-

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	153-200 °C
Flash point:	>39 °C

Flammability (solid, gas):	Not applicable.
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Ignition temperature:	265 °C
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Decomposition temperature:	Not determined.
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Auto-ignition temperature:	Not determined.
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Explosive properties:	In use, may form flammable/explosive vapour-air mixture.
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EXPLOSION LIMITS

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure:	Not determined.
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Density at 20 °C:	1.5 g/cm ³
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Vapour density:	Not determined.
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Evaporation rate:	Not determined.
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Solubility in/Miscibility with:-

Water:	Not miscible or difficult to mix.
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Partition coefficient: n-octanol/water:	Not determined.
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VISCOSITY

Dynamic: Not determined.
Kinematic: Not determined.
Molecular weight Not applicable.

9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity:

Stable under normal conditions.
 No further relevant information available.

10.2 Chemical stability:

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.
 No further relevant information available.

10.4 Conditions to avoid: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products:

Carbon monoxide and carbon dioxide.

Hydrogen sulphide

Sulphur oxides (SO_x).

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

ACUTE TOXICITY Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:**67-63-0 Isopropanol**

Oral	LD50	5,045 mg/kg (rat)
Dermal	LD50	4,570 mg/kg (rat)
	LD50	13,400 mg/kg (rabbit)
Inhalative	LD50	12,800 mg/kg (rabbit) (cutaneous)
		1,088 mg/kg (rat) (cutaneous)
	LC50, 4h	30 mg/l (rat)
	CL50, 4h	72,600 mg/m ³ (rat)

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

Dermal	LD50	>6,500 mg/kg (rat)
	LD50	>3,000 mg/kg (rabbit)

Primary irritant effect

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation Based on available data, the classification criteria are not met.

Ingestion:

May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalation.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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Other information :**Repeated dose toxicity****Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure**

May cause damage to the central nervous system through prolonged or repeated exposure. Route of exposure: Inhalation.

Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity:**AQUATIC TOXICITY****67-63-0 Isopropanol**

CL50, 96h	9,640 mg/l (fish) (OECD 203)
CE50, 48h	13,300 mg/l (daphnia magna) (OECD 202)
CE50, 72h	>1,000 mg/l (algae) (OECD 201)

12.2 Persistence and degradability: No further relevant information available.**12.3 Bioaccumulative potential:** No further relevant information available.**12.4 Mobility in soil:** No further relevant information available.**ADDITIONAL ECOLOGICAL INFORMATION****General notes:**

Harmful to aquatic life with long lasting effects.

Harmful to aquatic organisms.

12.5 Results of PBT and vPvB assessment:**PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects:** No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods:**Recommendation:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue:

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances

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UNCLEANED PACKAGING**Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR, IMDG, IATA

UN1133

14.2 UN proper shipping name

ADR, IMDG, IATA

ADHESIVES

14.3 Transport hazard class(es)

ADR, IMDG, IATA



Class

3 Flammable liquids.

Label

3

14.4 Packing group

ADR, IMDG, IATA

III

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user:**Hazard identification number (Kemler code):**

Warning: Flammable liquids.

EMS Number:

30

Stowage Category

F-E,S-D

A

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not Regulated

Transport/Additional information:**ADR****Limited quantities (LQ)****Excepted quantities (EQ)**

5L

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

Transport category**Tunnel restriction code**

3

D/E

IMDG**Limited quantities (LQ)****Excepted quantities (EQ)**

5L

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

See Section 2 for hazard identification.

Directive 2012/18/EU**Named dangerous substances - ANNEX I** None of the ingredients is listed.**Seveso category P5c** FLAMMABLE LIQUIDS**Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t

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Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:

H225 Highly flammable liquid and vapour.
 H226 Flammable liquid and vapour.
 H302 Harmful if swallowed.
 H304 May be fatal if swallowed and enters airways.
 H314 Causes severe skin burns and eye damage.
 H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.
 H372 Causes damage to organs through prolonged or repeated exposure.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
 H411 Toxic to aquatic life with long lasting effects.
 H413 May cause long lasting harmful effects to aquatic life.

Department issuing SDS:

Product Stewardship Department
 GCP Applied Technologies (UK) Limited
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