

SAFETY DATA SHEET

Bostik Mastic 1590

Last changed: 09/03/2015

Internal No: P0019

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

1.1. Product identifier

Trade name Bostik Mastic 1590

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

RECOMMENDED USES: Solvent based butyl sealant.

1.3. Details of the supplier of the safety data sheet

NATIONAL MANUFACTURER/IMPORTER

Enterprise Bostik AB
Address Strandbadsvägen 22
Postal code 251 09 Helsingborg
Country Sweden
Email Info.se@bostik.com
Internet www.bostik.se
Tel +46 42 19 50 00

CONTACT PERSON

Name	Email	Tel	Country
Bostik AB Miljöavdelningen		+46 42 19 50 00	

1.4. Emergency telephone number

Emergency Phone	Type of assistance	Opening Hours
+46 8 331231	Swedish Poisons Informations Centre	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

DPD R10, R52/53, R66, R67

Classification:

CLP Flam. Liq. 3;H226, STOT SE 3;H336, Aquatic Chronic 3;H412, ;EUH066

Classification:

Most serious harmful effects:: Flammable liquid and vapour. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking.

2.2. Label elements



Signal word: Warning

H-phrases

H226	Flammable liquid and vapour.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

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P-phrases

P102	Keep out of reach of children.
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P403/233	Store in a well-ventilated place. Keep container tightly closed.
P261	Avoid breathing vapor/spray
P501	P501 Dispose of contents / container to hazardous waste.

2.3. Other hazards

FUMES MAY FORM EXPLOSIVE MIXTURES WITH AIR.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ingredient name	Reg. no.	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
Hydrocarbons C 912. alkanes, soalkanes cyclic aromatic. (White spirit)	01-2119458049-33	919-446-0	--	< 25 %	Xn,N,R10 - R51/53 - R65 - R66 - R67	Flam. Liq. 3 H226 STOT SE 3 H336 Asp. Tox. 1 H304 Aquatic Chronic 2 H411 EUH066

Full text of R-, H- and EUH-phrases: see section 16.

The EUH hazard statements mentioned in CLP-classification are only label elements.

SECTION 4: First aid measures

4.1. Description of first aid measures

INHALATION

Fresh air and rest. In the event of irritation in the respiratory tract, breathing difficulties, headache, tiredness, nausea or unconsciousness, seek immediate medical attention.

INGESTION

DO NOT induce vomiting if swallowed chemical is dissolved in petroleum based material. Danger of aspiration and development of chemical pneumonia. Contact physician.

SKIN

Wash skin thoroughly with soap and water. Contact physician if irritation persists.

EYES

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

BURNS

Flush with water until the pain stops and continue flushing for another 30 minutes.

GENERAL

When obtaining medical advice, show the safety data sheet or label.

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

At high concentrations, may cause smarting in the nose and throat. May cause cracking of the skin and risk of eczema.

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

No specific information beyond that provided otherwise in this data sheet considered necessary for the treating physician.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING MEDIA:

Extinguish with powder, carbon dioxide, foam or fine water mist.

UNSUITABLE EXTINGUISHING MEDIA

Do not use a direct water jet that could spread the fire.

5.2. Special hazards arising from the substance or mixture

Solvent vapours may form explosive mixtures with air.

5.3. Advice for firefighters

Wear a self contained breathing apparatus. Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out.

OTHER INFORMATION

Wear a self contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

PERSONAL PRECAUTIONS

Note the risk of ignition and explosion. If large amounts are released, the use of protective equipment may be advisable. Observe the use of protective equipment.

FOR NON-EMERGENCY PERSONNEL

Use suitable protective clothing as protection against splashing and contamination. Keep the emission separate from sources of ignition.

FOR EMERGENCY RESPONDERS

Note the risk of ignition and explosion. Keep away from sources of ignition.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground.

6.3. Methods and material for containment and cleaning up

METHODS AND MATERIAL

Prevent dispersion through damming with sand, earth or other suitable material. Absorb the residue in sand or other inert material and collect in sealable containers.

6.4. Reference to other sections

See section 13 for waste disposal. See section 8 for type of protective equipment.

OTHER INFORMATION

Keep the emission separate from sources of ignition.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from sources of ignition. Avoid direct contact. Use suitable protective clothing, as necessary. In case of insufficient ventilation, wear respiratory protective equipment.

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7.2. Conditions for safe storage, including any incompatibilities

Must not be exposed for temperatures above +30 °C. Keep containers tightly closed in closed original packaging or other closed metal or glass vessel. Keep container tightly closed, in a cool, well ventilated place.

7.3. Specific end use(s)

See Technical Data Sheet.

OTHER INFORMATION

Do not eat, drink or smoke during work.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

MONITORING PROCEDURES

Use only in well-ventilated areas.

OTHER INFORMATION REGARDING LIMIT VALUES AND MONITORING

Contains a substance for which there is an occupational exposure risk limit.

8.2. Exposure controls

EXPOSURE SCENARIOS

Technical measures: Ensure good general ventilation standards. use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below limits. Personal Precautions: Avoid skin contact with the product, wipe up the pollution / spills as soon as they arise. Wear gloves (tested to EN374) if hand contamination, wash away the impurities of the skin immediately. Wear suitable Coveralls protect against skin exposure. Provide basic training for employees to prevent / minimize exposures.

INFORMATION FROM SUPPLIER

Observe local regulations. Good working hygiene must always be observed when handling product.

APPROPRIATE ENGINEERING CONTROLS

The work place and work methods shall be organized in such a way that direct contact with the product is prevented. Static electricity and formation or sparks must be prevented.

EYE PROTECTION

Tight-fitting goggles or face mask if risk of splashes or direct contact.

SKIN PROTECTION

Use suitable protective clothing, as necessary. Isolate contaminated clothing and wash before reuse.

HAND PROTECTION

Use suitable protective gloves made of nitrile rubber.

RESPIRATORY PROTECTION

If ventilation is insufficient, suitable respiratory protection must be applied. (A2 or self contained breathing apparatus)

OTHER INFORMATION

Observe normal hygiene such as washing hands before meals, etc.

LIMITATION OF ENVIRONMENTAL EXPOSURE

Prevent discharges into the sewage system, watercourses or ground.

HEATING HAZARDS

Avoid high temperatures and direct sunlight.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

STATE Paste

ODOUR Solvent.

SOLUBILITY Aromatic hydrocarbons.

Parameter	Value/unit	Method/reference	Observation
pH (concentrate)	-		
pH (solution for use)	-		
Melting point	-		
Freezing point	-		
Initial boiling point and boiling range	> 150 °C		
Flash point	44 °C		
Evaporation rate	-		
Flammability (solid, gas)	-		
Flammability limits	-		
Explosion limits	-		
Vapour pressure	-		
Vapour density	-		
Relative density	-		
Partition coefficient	-		
Auto-ignition temperature	-		
Decomposition temperature	-		
Viscosity	-		

9.2. Other information

Parameter	Value/unit	Method/reference	Observation
Density	1,35 g/cm ³		

Note no.	Comments
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SECTION 10: Stability and reactivity

10.1. Reactivity

No known significant effects or critical hazards.

10.2. Chemical stability

Stable under recommended storage and handling conditions. Avoid heat, sparks and open flame.

10.3. Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

10.4. Conditions to avoid

Avoid high temperatures and direct sunlight.

10.5. Incompatible materials

Avoid contact with oxidising substances and strong bases.

10.6. Hazardous decomposition products

Dangerous products of decomposition: carbon monoxide.

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OTHER INFORMATION

Vapours may form explosive mixtures with air.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Causes similar symptoms as by inhalation. May cause stomach pains and vomit. May cause chemical pneumonia if ingested or vomited.

Acute toxicity - dermal

May have degreasing effect and cause redness and cracking of the skin. Risk of eczema.

Acute toxicity - inhalation

Vapours may cause drowsiness and dizziness.

Skin corrosion/irritation

Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation

Splashing into eyes may cause smarting/irritation.

Aspiration hazard

Aspiration during vomiting or ingestion may cause chemical pneumonia.

SECTION 12: Ecological information

12.1. Toxicity

ACUTE AQUATIC TEST RESULTS

Harmful to aquatic life with long lasting effects.

ECOTOXICITY

Ecotoxicological information for the product is not available.

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

None known.

12.5. Results of PBT and vPvB assessment

No assessment has been made.

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12.6. Other adverse effects

No known significant effects or critical hazards.

OTHER INFORMATION

The environmentally hazardous substance, petroleum naphtha present in this formulation has been tested by the supplier and has been reclassified as H411. Therefore assigned classification H412 to this product because it contains less than 25% of this substance.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

GENERAL REGULATIONS

Treat as dangerous waste. Containers with rests of content is hazardous waste.

CATEGORY OF WASTE

EWC-code not cured product080409

SECTION 14: Transport information

Classified as Dangerous Goods: Yes

Land transport (ADR/RID)

14.1. UN number	1133	14.4. Packing group	III
14.2. UN proper shipping name	Adhesive, contains Nahphta petroleum	14.5. Environmental hazards	
14.3. Transport hazard class(es)	3		
Hazard label(s)	3		
Hazard identification number		Tunnel restriction code	D/E

Inland water ways transport (ADN)

14.1. UN number	1133	14.4. Packing group	III
14.2. UN proper shipping name	Adhesive, contains Nahphta petroleum	14.5. Environmental hazards	
14.3. Transport hazard class(es)			
Hazard label(s)			
Environmental hazard in tank vessels			

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Sea transport (IMDG)

14.1. UN number	1133	14.4. Packing group	III
14.2. UN proper shipping name	Adhesive, contains Nahphta petroleum	14.5. Environmental hazards	
14.3. Transport hazard class(es)	3		
Hazard label(s)			
Sub Risk:			
IMDG Code segregation group			
Marine pollutant	JA		
Substance name(s) on marine pollutant			
EMS:	F-E/S-D		

Air transport (ICAO-TI / IATA-DGR)

14.1. UN number	1133	14.4. Packing group	III
14.2. UN proper shipping name	Adhesive, contains Nahphta petroleum		
14.3. Transport hazard class(es)	3		
Hazard label(s)			

SECTION 15: Regulatory information

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

OTHER REGULATORY INFORMATION

EH40/2005 Workplace exposure limits incl. supplement from October 2007.

PROVISIONS

Safety, health and environmental regulations / legislation specific for the substance or mixture. EU Regulation (EC) No 1907/2006 (REACH).

15.2. Chemical safety assessment

OTHER INFORMATION

Chemical safety assessment has not been performed.

SECTION 16: Other information

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LIST OF RELEVANT R-PHRASES

R10	Flammable.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

LIST OF RELEVANT H-STATEMENTS

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

USER NOTES

Version 1

OTHER INFORMATION

The information on this Safety Data Sheet is based on our present knowledge and applicable EU and national laws. The product should not be used for other purposes than as specified in paragraph 1, without a prior written instruction from the supplier. It is always the full responsibility of the user to follow the requirements according to the law. The information on the Safety Data Sheet is intended to describe the security requirements of the product and is not a guarantee for the product quality.