

# Bakor 790-11 Hot Melt Rubberised Bitumen

## safety data sheet

Revision date: March 2022      Supersedes : 08.01.2020

### COMPANY UNDERTAKING

Bauder Limited  
70 Landseer Road  
Ipswich  
Suffolk IP3 0DH England

W: [bauder.co.uk](http://bauder.co.uk)  
T: 01473 257671  
E: [info@bauder.co.uk](mailto:info@bauder.co.uk)

### 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE

#### 1.1 Product identifier

**Product Code** GB70110008  
**Product Name** 790-11 HOT RUBBERIZED ASPHALT

Contains Distillates, petroleum, hydrotreated heavy naphthenic

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

**Recommended Use** Waterproofing Sealers  
**Uses advised against** No information available

#### 1.3 Details of the supplier of the safety data sheet

Supplier

Bauder Ltd  
70 Landseer Road,  
Ipswich,  
Suffolk, IP3 0DH  
[www.bauder.co.uk](http://www.bauder.co.uk)

#### 1.4 Emergency telephone number

NPIS (National Poisons Information Service): 0344 892 0111 (for medical professionals only).  
For medical advice, members of the public should contact NHS 111

### 2 HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2 - (H319)
Specific target organ toxicity (single exposure)	Category 3 - (H335)

Classification according to Directive 67/548/EEC or 1999/45/EC

Full text of R-phrases: see section 16

## 2.2 Label elements

Contains Distillates, petroleum, hydrotreated heavy naphthenic



### Signal word

Warning

### Hazard statements

H315 - Causes skin irritation  
 H319 - Causes serious eye irritation  
 H335 - May cause respiratory irritation

### Precautionary Statements - EU (§28, 1272/2008)

P280 - Wear protective gloves/protective clothing/eye protection/face protection  
 P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
 P332 + P313 - If skin irritation occurs: Get medical advice/attention  
 P362 + P364 - Take off all contaminated clothing and wash it before reuse  
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P337 + P313 - If eye irritation persists: Get medical advice/attention

## 2.3 Other hazards

Other hazards Contact with molten substance may cause severe burns to skin and eyes

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to Directive 67/548/EEC or 1999/45/EC	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Asphalt	232-490-9	8052-42-4	30 - 50	-	No data available	05-2114366982-36-xxxx
Limestone	215-279-6	1317-65-3	25 - 45	-	No data available	05-2114501824-55-xxxx
Distillates, petroleum, hydrotreated heavy naphthenic	265-155-0	64742-52-5	10 - 20	Carc.Cat.2; R45	Carc. 1B (H350)	05-2114367021-61-xxxx
Rubber compounds	Listed	-	1 - 10	-	No data available	Polymer
Sulfur	231-722-6	7704-34-9	1 - 2	Xi; R38	Skin Irrit. 2 (H315)	05-2114367084-49-xxxx

**Full text of R-phrases: see section 16**

**Full text of H- and EUH-phrases: see section 16**

#### Additional information

Product containing mineral oil with less than 3% DMSO extract as measured by IP 346

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>General advice</b>	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.
<b>Inhalation</b>	Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist, call a physician.
<b>Skin contact</b>	Removal of solidified molten material from skin requires medical assistance. In case of burns, immediately cool affected skin for as long as possible with cold water. For severe burns, immediate medical attention is required.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Ingestion</b>	Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Rinse mouth. Never give anything by mouth to an unconscious person.

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

<b>Symptoms</b>	CONTACT WITH HOT PRODUCT WILL CAUSE THERMAL BURNS. May cause redness and tearing of the eyes. May cause skin irritation. Coughing and/ or wheezing.
-----------------	---

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

Note to physicians	Treat symptomatically
--------------------	-----------------------

## 5 FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam.

#### Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire

### 5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

### 5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

## 6 ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

#### Personal precautions

Wear protective gloves/protective clothing and eye/face protection. Ensure adequate ventilation, especially in confined areas.

#### For emergency responders

Use personal protection recommended in Section 8.

### 6.2 Environmental precautions

Do not allow into any sewer, on the ground or into any body of water.

### 6.3 Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

### 6.4 Reference to other sections

See section 8 for more information. See section 13 for more information.

## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling

#### Advice on safe handling

Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. Avoid breathing fumes from hot material.

#### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage Conditions

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat.

#### Incompatible materials

Strong oxidizing agents. Strong acids.

### 7.3 Specific end use(s)

#### Risk Management Methods (RMM)

The information required is contained in this Material Safety Data Sheet.

**8 EXPOSURE CONTROL/PERSONAL PROTECTION****8.1 Control parameters**

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Asphalt 8052-42-4	-	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	-	TWA: 0.5 mg/m <sup>3</sup>	-
Limestone 1317-65-3	-	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>	-	-	-
Rubber compounds	-	TWA: 0.6 mg/m <sup>3</sup> STEL: 1.8 mg/m <sup>3</sup>	-	TWA: 0.001 mg/m <sup>3</sup> vía dérmica*	-
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Asphalt 8052-42-4	-	TWA: 0.5 mg/m <sup>3</sup>	-	-	TWA: 1 mg/m <sup>3</sup>
Rubber compounds	-	TWA: 0.001 mg/m <sup>3</sup> P*	-	-	-
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Asphalt 8052-42-4	-	TWA: 10 mg/m <sup>3</sup> H*	STEL: 10 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> STEL: 5 mg/m <sup>3</sup>	TWA: 0.5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>
Limestone 1317-65-3	-	-	-	-	TWA: 10 mg/m <sup>3</sup> TWA: 4 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup> STEL: 12 mg/m <sup>3</sup>
Rubber compounds	-	-	-	-	TWA: 0.6 mg/m <sup>3</sup> TWA: 6 mg/m <sup>3</sup> STEL: 1.8 mg/m <sup>3</sup> STEL: 18 mg/m <sup>3</sup>

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

**8.2 Exposure controls**

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing. CONTACT WITH HOT PRODUCT WILL CAUSE THERMAL BURNS.

**Environmental exposure controls** No information available.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	Solid	<b>Odor</b>	Sulfurous
<b>Appearance</b>	Solid	<b>Odor threshold</b>	No information available
<b>Color</b>	black		

<u>Property</u>	<u>Values</u>	<u>Remarks - Method</u>
<b>pH</b>		No information available
<b>Melting point / freezing point</b>		No information available
<b>Boiling point / boiling range</b>		No information available
<b>Flash point</b>	> 291 °C / > 556 °F	Cleveland Open Cup
<b>Evaporation rate</b>		No information available
<b>Flammability (solid, gas)</b>		No information available
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit:</b>		No information available
<b>Lower flammability limit:</b>		No information available
<b>Vapor pressure</b>		No information available
<b>Vapor density</b>		No information available
<b>Relative density</b>	0.9-1.2	No information available
<b>Water solubility</b>	Insoluble in water	No information available
<b>Solubility(ies)</b>		No information available
<b>Partition coefficient</b>		No information available
<b>Autoignition temperature</b>	>290 °C / >550 °F	No information available
<b>Decomposition temperature</b>		No information available
<b>Kinematic viscosity</b>		No information available
<b>Dynamic viscosity</b>		
No information available		
<b>Explosive properties</b>	Not an explosive	
<b>Oxidizing properties</b>	Not applicable	
<b>9.2. Other information</b>		
<b>Softening point</b>	No information available	
<b>Molecular weight</b>	No information available	
<b>VOC Content (%)</b>	No information available	
<b>Density</b>	No information available	
<b>Bulk density</b>	No information available	

## 10 STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable under normal conditions.

#### Explosion data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

### 10.3 Possibility of hazardous reactions

#### Hazardous polymerization

Hazardous polymerization does not occur.

#### Possibility of Hazardous Reactions

None under normal processing.

### 10.4 Conditions to avoid

Incompatible materials. To avoid thermal decomposition, do not overheat.

### 10.5 Incompatible materials

Strong oxidizing agents. Strong acids.

### 10.6 Hazardous decomposition products

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrogen sulfide.

## 11 TOXICOLOGICAL INFORMATION

### 11.1 Information of toxicological effects

Acute toxicity

#### Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye contact</b>	Irritating to eyes.
<b>Skin contact</b>	Irritating to skin. Contact with product at elevated temperatures can result in thermal burns.
<b>Ingestion</b>	No data available.
Unknown acute toxicity	45.5569805% of the mixture consists of ingredient(s) of unknown toxicity The following values are calculated based on chapter 3.1 of the GHS document
ATEmix (oral)	7,157.00
Units	mg/kg
ATEmix (dermal)	2,920.00
Units	mg/kg
<b>Oral LD50</b>	9225 mg/kg
<b>Dermal LD50</b>	4498 mg/kg

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Asphalt	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	-
Quartz	= 500 mg/kg ( Rat )	-	-

<b>Skin corrosion/irritation</b>	Irritating to skin.
<b>Serious eye damage/eye irritation</b>	Irritating to eyes.
<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.

**Carcinogenicity**

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 "Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions - Dimethyl sulphoxide extraction refractive index method", Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3.

Chemical Name	European Union
Distillates, petroleum, hydrotreated heavy naphthenic	Carc. 1B

**Reproductive toxicity** No information available.

**STOT - single exposure** Respiratory system.

**STOT - repeated exposure** No information available.

**Target Organ Effects** Eyes, Respiratory system, Skin.

**Symptoms** May cause redness and tearing of the eyes. Coughing and/ or wheezing. May cause skin irritation.

**Aspiration hazard** No information available.

**12 ECOLOGICAL INFORMATION****12.1 Toxicity**

Unknown Aquatic Toxicity 81.83037 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

81.83038 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Distillates, petroleum, hydrotreated heavy naphthenic	-	5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50
Sulfur	-	14: 96 h Lepomis macrochirus mg/L LC50 static 866: 96 h Brachydanio rerio mg/L LC50 static 180: 96 h Oncorhynchus mykiss mg/L LC50 static	-

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

Chemical Name	Partition coefficient
Asphalt	6

**12.4 Mobility in soil****Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

No information available.

## 12.6 Other adverse effects

No information available.

## 13 DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Waste from residues/unused products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Improper disposal or reuse of this container may be dangerous and illegal.

## 14 TRANSPORT INFORMATION

### IMDG

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Marine pollutant	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to	No information available

### Annex II of MARPOL 73/78 and the IBC Code

### RID

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

### ADR

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

### IATA

14.1 UN/ID no	Not regulated
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

**15 REGULATORY INFORMATION****15.1 Safety, health and environment regulations/legislation specific for the substance or mixture**

Chemical Name	French RG number	Title
Rubber compounds	RG 95	-

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical Name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
Distillates, petroleum, hydrotreated heavy naphthenic - 64742-52-5	28.	

**Persistent Organic Pollutants**

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**15.2 Chemical safety assessment**

No information available

## 16 OTHER INFORMATION

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of R-phrases referred to under sections 2 and 3

No information available

Revision date	08.01.2020
Revision	3

#### Full text of H-Statements referred to under section 3

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

#### Legend:

SVHC: Substances of Very High Concern for Authorization:

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

---

Bauder reserves the right to amend information and product specifications without prior notice. All reasonable care has been taken to ensure that all data is current at the time of print, however because Bauder pursues a policy of constant development we recommend ensuring that your copy of this information is current by contacting our Technical Department at [technical@bauder.co.uk](mailto:technical@bauder.co.uk)

Recommendations for use should be verified as to the suitability and compliance with actual requirements, specifications, installation techniques and any applicable laws and regulations.