

Safety Data Sheet

according to UK REACH Regulation

HOT CURE GUM, unvulcanized

Revision date: 29.09.2022

Product code: 12548-0017

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

1.1. Product identifier

HOT CURE GUM, unvulcanized

Art.-No.

60740-67, 60741-67, 60733-67, 60734-67, 60736-67

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

Use of the substance/mixture

Tire repair material

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company name: Schrader s.a.s.
Street: B.P. 29 - 48 rue de Salins
Place: F-25301 PONTARLIER Cedex
Telephone: +33 (0) 381.38.56.56
Internet: www.schrader-pacific.fr
Responsible Department: Responsible for the safety data sheet: sds@gbk-ingelheim.de

Supplier

Company name: Schrader SPD
Unit 1 Albion buildings
Street: Kingfield road
Place: Coventry, Cv1 4ng
Telephone: +44 (0)2476 550880
e-mail: info@schrader-pacific.co.uk

1.4. Emergency telephone number:

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)
In England and Wales: NHS 111 In Scotland: NHS 24 - dial 111

Further Information

EC-SDS applicable for following products:
REPAIR RUBBER ROPE, HOT CURE CUSHION RUBBER, UNCURED FILLER COMPOUND1.2, UNCURED FILLER COMPOUND3.0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Skin Sens. 1; H317
Repr. 1B; H360FD
Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

di(benzothiazol-2-yl)disulphide
N-1,3-dimethylbutyl-N'-phenyl-p-phenylenediamine
Methenamine
N-(cyclohexylthio)phthalimide

Signal word: Danger

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Pictograms:



Hazard statements

H317 May cause an allergic skin reaction.
H360FD May damage fertility. May damage the unborn child.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P317 If skin irritation or rash occurs: Get medical help.
P273 Avoid release to the environment.
P391 Collect spillage.

Additional advice on labelling

According to Regulation (EC) No 1272/2008 Annex I section 1.3.4 [Metals in massive form, alloys, mixtures containing polymers, mixtures containing elastomers] this product is not subject to labelling.

2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Tire repair material

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Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
1314-13-2	Zinc oxide			< 5 %
	215-222-5	030-013-00-7	01-2119463881-32	
	Aquatic Acute 1, Aquatic Chronic 1; H400 H410			
120-78-5	di(benzothiazol-2-yl)disulphide			< 2,5 %
	204-424-9	613-135-00-0	01-2119489366-24	
	Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H317 H400 H410 EUH031			
793-24-8	N-1,3-dimethylbutyl-N'-phenyl-p-phenylenediamine			< 1 %
	212-344-0		01-2119485839-15	
	Repr. 1B, Acute Tox. 4, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 1; H360FD H302 H317 H400 H410			
26780-96-1	Poly(1,2-dihydro-2,2,4-trimethylquinoline)			< 1 %
	500-051-3		01-2119486783-23	
	Aquatic Chronic 3; H412			
102-06-7	1,3-diphenylguanidine			< 1 %
	203-002-1	612-149-00-4	01-2119519144-47	
	Repr. 2, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, Aquatic Chronic 2; H361f H302 H315 H319 H335 H411			
100-97-0	Methenamine			< 1 %
	202-905-8	612-101-00-2	01-2119474895-20	
	Flam. Sol. 2, Skin Sens. 1; H228 H317			
17796-82-6	N-(cyclohexylthio)phthalimide			< 1 %
	241-774-1		01-2119488204-37	
	Skin Sens. 1A, Aquatic Chronic 1; H317 H410			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
120-78-5	204-424-9	di(benzothiazol-2-yl)disulphide	< 2,5 %
	M acute; H400: M=1 M chron.; H410: M=1		
793-24-8	212-344-0	N-1,3-dimethylbutyl-N'-phenyl-p-phenylenediamine	< 1 %
	dermal: LD50 = > 7940 mg/kg; oral: LD50 = 893 mg/kg M acute; H400: M=10 M chron.; H410: M=10		
102-06-7	203-002-1	1,3-diphenylguanidine	< 1 %
	oral: ATE = 500 mg/kg		
100-97-0	202-905-8	Methenamine	< 1 %
	dermal: LD50 = 2001 mg/kg; oral: LD50 = 9200 mg/kg		

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No hazards which require special first aid measures.

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After inhalation

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.

After contact with skin

Wash with water and soap as a precaution.

After ingestion

Ingestion is not considered a potential route of exposure.

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

May cause sensitization of susceptible persons by skin contact.

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

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media**Suitable extinguishing media**

Any extinguishing means and measures are acceptable. Fire-extinguishing activities according to surrounding.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Fire may produce:

Carbon monoxide, carbon dioxide, sulphur oxides and nitrogen oxides (NO_x).**5.3. Advice for firefighters**

Use breathing apparatus with independent air supply.

Protective suit.

Additional information

Collect contaminated firefighting water separately, must not be discharged into the drains.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures**General advice**

Ensure adequate ventilation.

Keep away noninvolved persons.

For non-emergency personnel

Avoid contact with skin, eyes and clothing.

For emergency responders

Use personal protection equipment.

In case of vapour formation use respirator.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/ground water.

6.3. Methods and material for containment and cleaning up**For containment**

No special measures required.

For cleaning up

Take up mechanically and collect in suitable container for disposal.

Where possible recycling is preferred to disposal.

6.4. Reference to other sections

Observe protective instructions (see Sections 7 and 8).

Information for disposal see section 13.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Do not breathe vapours.
Avoid contact with the skin and the eyes.

Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition.
The product is flammable but not readily ignited.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in a dry, cool place.

Hints on joint storage

Incompatible with:
Nitrous acid and other nitrosating agents.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Tire repair material

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1333-86-4	Carbon black	-	3.5		TWA (8 h)	WEL
		-	7		STEL (15 min)	WEL

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Wash hands before breaks and immediately after handling the product.
When using do not eat, drink or smoke.

Hand protection

Protective gloves
Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection

Long sleeved clothing (DIN EN ISO 6530)

Respiratory protection

In case of respirable dust and/or fumes, use a self-contained breathing apparatus.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Solid
Colour: Black

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Odour: Characteristic
pH-Value: n.a.

Changes in the physical state

Melting point/freezing point: n.a.
Boiling point or initial boiling point and boiling range: n.a.
Sublimation point: n.a.
Softening point: n.d.
Flash point: n.a.

Flammability

Solid/liquid: n.a.
Gas: n.a.

Explosive properties

The product is not explosive.

Lower explosion limits: n.a.
Upper explosion limits: n.a.
Auto-ignition temperature: n.a.

Self-ignition temperature

Solid: n.a.
Gas: n.a.

Decomposition temperature: n.d.

Oxidizing properties

Not oxidising.

Vapour pressure: n.a.

Density (at 23 °C): 1,07 - 1,12 g/cm³

Bulk density: n.d.

Water solubility: insoluble
(at 20 °C)

Partition coefficient n-octanol/water: n.a.

Viscosity / dynamic: n.a.

Viscosity / kinematic: n.a.

Flow time: n.a.

Relative vapour density: n.a.

Evaporation rate: n.a.

Solvent separation test: 0 %

Solvent content: 0 %

9.2. Other information

Solid content: 100 %

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under normal conditions.

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10.3. Possibility of hazardous reactions

Reacts with:
Nitrous acid and other nitrosating agents.

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

10.5. Incompatible materials

Nitrous acid and other nitrosating agents.

10.6. Hazardous decomposition products

An inappropriate handling, for instance major amounts of product combined with strong heat and nitrosating agents, renders possible a cleavage of nitrosamines in traces.

Fire may produce:

Carbon monoxide, carbon dioxide, sulphur oxides, and nitrogen oxides (NO_x).

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

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

ATEmix calculated

ATE (inhalation vapour) 70000,00 mg/l

Irritation and corrosivity

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

Sensitising effects

May cause an allergic skin reaction. (di(benzothiazol-2-yl)disulphide;
N-1,3-dimethylbutyl-N'-phenyl-p-phenylenediamine; Methenamine; N-(cyclohexylthio)phthalimide)

Carcinogenic/mutagenic/toxic effects for reproduction

May damage fertility. May damage the unborn child. (N-1,3-dimethylbutyl-N'-phenyl-p-phenylenediamine)

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: 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

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

Aspiration hazard

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

Additional information on tests

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008.

11.2. Information on other hazards

Endocrine disrupting properties

No data available

Other information

May cause sensitization of susceptible persons by skin contact.

Further information

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

SECTION 12: Ecological information

12.1. Toxicity

Ecological data are not available.

12.2. Persistence and degradability

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No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available

Further information

Do not flush into surface water or sanitary sewer system.
Ecological injuries are not known or expected under normal use.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Can be incinerated, when in compliance with local regulations.
Where possible recycling is preferred to disposal.

List of Wastes Code - residues/unused products

191204 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE; wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified; plastic and rubber

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

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14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 75

2004/42/EC (VOC): 0 %

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

National regulatory information

Water hazard class (D): -- non-hazardous to water

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,6,7,10,11,12,14.

Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships

IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative

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LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Skin Sens. 1; H317	Calculation method
Repr. 1B; H360FD	Calculation method
Aquatic Chronic 2; H411	Calculation method

Relevant H and EUH statements (number and full text)

H228	Flammable solid.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H360FD	May damage fertility. May damage the unborn child.
H361f	Suspected of damaging fertility.
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.
H412	Harmful to aquatic life with long lasting effects.
EUH031	Contact with acids liberates toxic gas.

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)