

Weldtite Products Ltd.  
Barton-on Humber North Lincolnshire DN 18 5RP

Date printed 25.07.2011, Revision 25.07.2011

Version 01

Page 1 / 7

## 1 Identification of the substance / preparation and of the company

### 1.1 Product identifier

Weldtite Rubber Solution

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

#### 1.2.1 Relevant uses

Adhesive

#### 1.2.2 Uses advised against

None known.

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

#### Company

Weldtite Products Ltd.

Unit 9, Harrier Road, Humber Ind. Estate  
Barton-on Humber North Lincolnshire DN 18 5RP / UK  
Phone: 0044-1652-660000  
Fax: 0044-1652-660066  
E-mail: sales@weldtite.co.uk

#### Address enquiries to

#### Technical information

sales@weldtite.co.uk

#### Safety Data Sheet

sdb@chemiebuero.de

### 1.4 Emergency phone

+49 (0) 89-19240 (24h) (english)

## 2 Hazards identification

### 2.1 Classification of the substance or mixture

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

not determined

#### 2.1.2 Classification according to Regulation 67/548/EEC or 1999/45/EC

F-Xi-N, R 11-38-50/53-67

### 2.2 Label elements

#### Hazard symbols



Highly flammable



Irritant



Dangerous for the environment

#### R-phrases

R 11: Highly flammable.  
R 38: Irritating to skin.  
R 50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R 67: Vapours may cause drowsiness and dizziness.

#### S-phrases

S 2: Keep out of the reach of children.  
S 9: Keep container in a well-ventilated place.  
S 16: Keep away from sources of ignition - No smoking.  
S 24: Avoid contact with skin.  
S 29/35: Do not empty into drains. Dispose of this material and its container in a safe way.  
S 46: If swallowed, seek medical advice immediately and show this container or label.  
S 61: Avoid release to the environment. Refer to special instructions, safety data sheets.

#### Special labelling

none

Weldtite Products Ltd.  
Barton-on Humber North Lincolnshire DN 18 5RP

Date printed 25.07.2011, Revision 25.07.2011

Version 01

Page 2 / 7

### 2.3 Other hazards

Physico-chemical hazards	See chapter 10.
Human health dangers	If swallowed or in the event of vomiting, risk of product entering the lungs. See chapter 11.
Environmental hazards	See chapter 12.
Other hazards	Further hazards were not determined with the current level of knowledge.

## 3 Composition / Information on ingredients

### 3.1 Substances

The product in question is a mixture.

### 3.2 Mixtures

Range [%]	Substance
80 - <100	n-Heptane CAS: 142-82-5, EINECS/ELINCS: 205-563-8, EU-INDEX: 601-008-00-2 GHS/CLP: Flam. Liq. 2, H225 - Asp. Tox 1, H304 - Skin Irrit. 2, H315 - STOT SE 3, H336 - Aquatic Acute 1, H400 - Aquatic Chronic 1, H410 EEC: F-Xn-N, R 11-38-50/53-65-67
1 - <10	Ethanol CAS: 64-17-5, EINECS/ELINCS: 200-578-6, EU-INDEX: 603-002-00-5 GHS/CLP: Flam. Liq. 2, H225 EEC: F, R 11

**Comment on component parts** Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%.  
For the wording of the listed risk phrases refer to section 16.

## 4 First aid measures

### 4.1 Description of first aid measures

<b>General information</b>	Change soaked clothing.
<b>Inhalation</b>	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
<b>Skin contact</b>	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
<b>Eye contact</b>	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
<b>Ingestion</b>	Supply with medical care. Do not induce vomiting.

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

Irritant effects  
Dizziness  
Drowsiness  
Unconsciousness  
Headache

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

If swallowed or in the event of vomiting, risk of product entering the lungs.

## 5 Fire-fighting measures

### 5.1 Extinguishing media

<b>Suitable extinguishing media</b>	Carbon dioxide. Water spray jet. Dry powder. Foam.
<b>Extinguishing media that must not be used</b>	Full water jet.

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

Unknown risk of formation of toxic pyrolysis products.

Weldtite Products Ltd.

Barton-on Humber North Lincolnshire DN 18 5RP

Date printed 25.07.2011, Revision 25.07.2011

Version 01

Page 3 / 7

**5.3 Advice for firefighters**

Use self-contained breathing apparatus.

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

Cool containers at risk with water spray jet.

**6 Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Keep away from all sources of ignition.

Ensure adequate ventilation.

**6.2 Environmental precautions**

Prevent spread over a wide area (e.g. by containment or oil barriers).

Do not discharge into the drains/surface waters/groundwater.

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

Take up with absorbent material (e.g. sand).

Dispose of absorbed material in accordance with the regulations.

**6.4 Reference to other sections**

See Chapter 8+13

**7 Handling and storage****7.1 Precautions for safe handling**

Use only in well-ventilated areas.

Keep away from all sources of ignition - Refrain from smoking.

Vapours can form an explosive mixture with air.

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

Provide solvent-resistant and impermeable floor.

Keep only in original container.

Do not store together with oxidizing agents.

Keep container in a well-ventilated place.

Keep container tightly closed.

Protect from heat/overheating.

**7.3 Specific end use(s)**

See product use, Chapter 1.2

**8 Exposure controls / personal protection****8.1 Control parameters****Ingredients with occupational exposure limits to be monitored (GB)**

Range [%]	Substance / WEL: Workplace exposure limit
80 - < 100	n-Heptane / 500 ppm, 2085 mg/m <sup>3</sup> ,
1 - < 10	Ethanol / 1000 ppm, 1920 mg/m <sup>3</sup> , -

**Weldtite Products Ltd.****Barton-on Humber North Lincolnshire DN 18 5RP**

Date printed 25.07.2011, Revision 25.07.2011

Version 01

Page 4 / 7

**8.2 Exposure controls**

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation.
<b>Eye protection</b>	Safety glasses.
<b>Hand protection</b>	The details concerned are recommendations. Please contact the glove supplier for further information. In full contact Viton, >480 min (EN 374). In splash contact Nitrile rubber, >480 min (EN 374).
<b>Skin protection</b>	not applicable
<b>Other</b>	Avoid contact with eyes and skin. Do not inhale vapours. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier.  Do not eat, drink, smoke or take drugs at work. Wash hands before breaks and after work. Use barrier skin cream.
<b>Respiratory protection</b>	Breathing apparatus in the event of high concentrations. Short term: filter apparatus, filter A.
<b>Thermal hazards</b>	not applicable
<b>Delimitation and monitoring of the environmental exposition</b>	See Chapter 6+7.

**9 Physical and chemical properties****9.1 Information on basic physical and chemical properties**

<b>Form</b>	liquid
<b>Color</b>	yellowish
<b>Odor</b>	characteristic
<b>Odour threshold</b>	not determined
<b>pH-value</b>	not applicable
<b>pH-value [1%]</b>	not applicable
<b>Boiling point [°C]</b>	ca. 98
<b>Flash point [°C]</b>	ca. -4
<b>Flammability [°C]</b>	ca. 215
<b>Lower explosion limit</b>	ca. 1 Vol.%
<b>Upper explosion limit</b>	ca. 7 Vol.%
<b>Oxidizing properties</b>	no
<b>Vapour pressure [kPa]</b>	ca. 4,8
<b>Density [g/ml]</b>	not determined
<b>Bulk density [kg/m³]</b>	not applicable
<b>Solubility in water</b>	immiscible
<b>Partition coefficient [n-octanol/water]</b>	not determined
<b>Viscosity</b>	700 mPas (40°C)
<b>Relative vapour density determined in air</b>	not determined
<b>Evaporation speed</b>	not determined
<b>Melting point [°C]</b>	not applicable
<b>Autoignition temperature [°C]</b>	not applicable
<b>Decomposition temperature</b>	not applicable

**9.2 Other information**

none

**10 Stability and reactivity****10.1 Reactivity**

Formation of explosive gas/air mixtures.

**Weldtite Products Ltd.**  
**Barton-on Humber North Lincolnshire DN 18 5RP**

Date printed 25.07.2011, Revision 25.07.2011

Version 01

Page 5 / 7

## 10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

## 10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.

## 10.4 Conditions to avoid

Warming  
See chapter 7.2.

## 10.5 Incompatible materials

See chapter 10.3.

## 10.6 Hazardous decomposition products

Flammable gases/vapours.

# 11 Toxicological information

## 11.1 Information on toxicological effects

### Acute toxicity

Range [%]	Substance
1 - <10	Ethanol, CAS: 64-17-5
	LC50, inhalative, Rat: 95,6 mg/l (4h).
	LD50, oral, Rat: 6200 mg/kg.
80 - <100	n-Heptane, CAS: 142-82-5
	LC50, inhalative, Rat: 103 g/m <sup>3</sup> (4h).
	LD50, dermal, Rabbit: 3400 mg/kg.
	LD50, oral, Rat: > 2000 mg/kg.

<b>Serious eye damage/irritation</b>	not determined
<b>Skin corrosion/irritation</b>	not determined
<b>Respiratory or skin sensitisation</b>	not determined
<b>Specific target organ toxicity — single exposure</b>	not determined
<b>Specific target organ toxicity — repeated exposure</b>	not determined
<b>Mutagenicity</b>	not determined
<b>Reproduction toxicity</b>	not determined
<b>Carcinogenicity</b>	not determined
<b>General remarks</b>	

The product was classified on the basis of the calculation procedure of the preparation directive.

# 12 Ecological information

## 12.1 Toxicity

Range [%]	Substance
1 - <10	Ethanol, CAS: 64-17-5
	LC50, (48h), Leuciscus idus: 8140 mg/l.
	EC50, (48h), Daphnia magna: 9268-14221 mg/l.
80 - <100	n-Heptane, CAS: 142-82-5
	LC50, (24h), fish: 4 mg/l.
	EC50, (48h), Daphnia magna: 1,5 mg/l.

## 12.2 Persistence and degradability

<b>Behaviour in environment compartments</b>	IC5(7d): 5000 mg/l (Scenedesmus quadricauda)(CAS 64-17-5)
<b>Behaviour in sewage plant</b>	not determined
<b>Biological degradability</b>	not determined

Weldtite Products Ltd.  
Barton-on Humber North Lincolnshire DN 18 5RP

Date printed 25.07.2011, Revision 25.07.2011

Version 01

Page 6 / 7

### 12.3 Bioaccumulative potential

No informations available.

### 12.4 Mobility in soil

No informations available.

### 12.5 Results of PBT and vPvB assessment

No informations available.

### 12.6 Other adverse effects

Ecological data are not available.

## 13 Disposal considerations

### 13.1 Waste treatment methods

Coordinate the waste disposal with the national authorities.

#### Product

Dispose of as hazardous waste.  
Disposal in an incineration plant in accordance with the regulations of the local authorities.

#### Waste no. (recommended)

070104\*

#### Contaminated packaging

Uncontaminated packaging may be taken for recycling.  
Packaging that cannot be cleaned should be disposed of as for product.

#### Waste no. (recommended)

150110\*

## 14 Transport information

### 14.1 UN number

See point 14.2 in accordance with UN shipping name

### 14.2 UN proper shipping name

#### Classification according to ADR

UN 1133 ADHESIVES (ENVIRONMENTALLY HAZARDOUS) 3 N II

#### - Classification Code

F1

#### - Label



#### - ADR LQ

5 I

#### - ADR 1.1.3.6 (8.6)

Transport category (tunnel restriction code) 2 (D/E)

#### Classification according to IMDG

UN 1133 Adhesives (n-Heptane) 3 II MARINE POLLUTANT

#### - EMS

F-E, S-D

#### - Label



#### - IMDG LQ

5 I

#### Classification according to IATA

UN 1133 Adhesives 3 II

#### - Label



### 14.3 Transport hazard class(es)

See point 14.2 in accordance with UN shipping name

### 14.4 Packing group

See point 14.2 in accordance with UN shipping name

### 14.5 Environmental hazards

See point 14.2 in accordance with UN shipping name



**Weldtite Products Ltd.****Barton-on Humber North Lincolnshire DN 18 5RP**

Date printed 25.07.2011, Revision 25.07.2011

Version 01

Page 7 / 7

**14.6 Special precautions for user**

Relevant information under points 6 to 8.

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

not determined

**15 Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

<b>EEC-REGULATIONS</b>	1967/548 (1999/45); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC
<b>TRANSPORT-REGULATIONS</b>	DOT-Classification, ADR (2011); IMDG-Code (2011, 35. Amdt.); IATA-DGR (2011).
<b>NATIONAL REGULATIONS (GB):</b>	EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4

**15.2 Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**16 Other informations**

<b>R-phrases (Chapter 03)</b>	R 11: Highly flammable. R 38: Irritating to skin. R 50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R 65: Harmful - may cause lung damage if swallowed. R 67: Vapours may cause drowsiness and dizziness.
<b>Hazard statements (Chapter 03)</b>	H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.
<b>Observe employment restrictions for people</b>	yes
<b>VOC (1999/13/CE)</b>	ca. 95%
<b>Customs Tariff</b>	not determined

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