
SAFETY DATA SHEET

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

- Product Name: Weldtite Rubber Solution
- Product Part Number: 5g tube - 02001; 02018; 01003; 01004; 01006; 01007; 01008; 01010; 01012; 01014; 01016; 01018; 01024; 01028; 01029; 01034; 01041; 01075; 04020; 04040; 15g tube - 02002; 02022 & any other kits Weldtite branded 5g or 15g tubes
- UFI: PV38-C11D-P006-9HEH

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

- Use of the substance/mixture: Adhesive

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Weldtite Products Ltd
- Address of Supplier: Unit 9, Harrier Road, Humber Bridge Industrial Estate, Barton upon Humber, North Lincolnshire, DN18 5RP UK
- Telephone: +44 (0)1652 660000
- Email: Sales@weldtite.co.uk Web: www.weldtite.cc
- EU Authorised Representative: Comply Express Unipessoal Limitada, StartUp Madeira, EV141, Campus daPenteada, 9020 105 Funchal, Portugal
Tel: (+351) 300509778
Email : info@complyexpress.com

1.4 Emergency telephone number

- Emergency Telephone: UK: Contact the NHS Information Service (dial 111, 24hr service)
 - Company: +44 (0)1652 660000 (Available 08:30 to 16:30 Mon - Fri)
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SECTION 2: Hazards identification
2.1 Classification of the substance or mixture

- CLP: STOT SE 3, Flam. Liq. 2, Skin Irrit. 2, Aquatic Chronic 1, Aquatic Chronic 2

2.2 Label elements


- Signal Word: Danger
- Contains: Heptane (and isomers)

Hazard statements

- H225 - Highly flammable liquid and vapour.
- H315 - Causes skin irritation.
- EUH208 - Contains ZINC bis(DIBUTYLIDITHIOCARBAMATE). May produce an allergic reaction.
- H336 - May cause drowsiness or dizziness.
- H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements

- P102 - Keep out of reach of children.
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P271 - Use only outdoors or in a well-ventilated area.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

SECTION 2: Hazards identification (....)

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P370+P378 - In case of fire: use foam, carbon dioxide or dry agent to extinguish.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P501 - Dispose of contents/container to an authorised waste collection point

Supplemental Hazard information (EU)

EUH208 - Contains ZINC bis(DIBUTYLDITHIOCARBAMATE). May produce an allergic reaction.

2.3 Other hazards

- Not a PBT according to REACH Annex XIII
 - The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Common Delegated Regulation (EU) 2017/2010 or Common Regulation (EU) 2018/605 at a concentration equal or greater than 0.1%.
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SECTION 3: Composition/information on ingredients

3.2 Mixtures

heptane (and isomers)

CAS Number: 142-82-5
EC Number: 205-563-8
Concentration: 60-100%
Categories: Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1
H Statements: H225;H304;H336;H315;H400;H410
REACH Registration Number: 01-2119457603-38-XXXX
Index No.: 601-008-00-2

ZINC bis(DIBUTYLDITHIOCARBAMATE)

CAS Number: 136-23-2
EC Number: 205-232-8
Concentration: <1%
Categories: Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1
H Statements: EUH208, H315, H317, H319, H335, H400, H410
REACH Registration Number: 01-2119535161-51-XXXX

SECTION 4: First aid measures

4.1 Description of first aid measures

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

Inhalation

Remove person to fresh air and keep comfortable for breathing.
Apply artificial respiration only if patient is not breathing

Contact with skin

Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water
Get medical advice/attention if you feel unwell.

Contact with eyes

If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
Remove contact lenses, if present and easy to do. Continue rinsing.
Seek immediate medical attention

Ingestion

SECTION 4: First aid measures (....)

Do NOT induce vomiting.
If vomiting occurs turn patient on side
Keep warm and at rest
Rinse mouth with water (only if the person is conscious)
Call a POISON CENTRE or doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

- See Section 2 + 11

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
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SECTION 5: Firefighting measures

5.1 Extinguishing media

- In case of fire use foam, carbon dioxide or dry agent
- Do not use water jets

5.2 Special hazards arising from the substance or mixture

- Smoke from fires is toxic. Take precautions to protect personnel from exposure

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
 - Eliminate all ignition sources.
 - Keep container(s) exposed to fire cool, by spraying with water
 - Prevent run off water from entering drains if possible
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Shut off source of leak if safe to do so
- Evacuate the area
- Wear protective clothing as per section 8
- In confined spaces, sewers, etc., the vapours may collect to form explosive mixtures with air
- Shut off all ignition sources
- Vapours may ignite
- Take precautionary measures against static discharges

6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses
- Contain spillage by any means possible
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Do not absorb spillage in sawdust or other combustible material
- Remove contaminated material to safe location for subsequent disposal
- Ventilate area

6.4 Reference to other sections

- See Section 8 + 13
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure adequate ventilation
 - Equipment should be earthed
 - Equipment should be of flameproof design
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SECTION 7: Handling and storage (....)

- When using do not eat, drink or smoke
- Use appropriate containment to avoid environmental contamination
- Wash hands thoroughly after using this substance
- Use good personal hygiene practices
- Avoid contact with skin and eyes

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place
- Keep container tightly closed.
- Keep away from oxidisers, heat, flames or ignition sources
- Store locked up.

7.3 Specific end use(s)

- See Section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

heptane (and isomers)

WEL: 500 ppm 2085 mg/m³ (8 hour TWA)
DNEL (Consumer; dermal, long term systemic effects): 149 mg/kg
DNEL (Consumer; inhalational, long term systemic effects): 149 mg/m³
DNEL (Consumer; oral, long term systemic effects): 447 mg/kg
DNEL (Industry; dermal, long term systemic effects): 300 mg/kg
DNEL (Industry; inhalational, long term systemic effects): 2085 mg/m³

ZINC bis(DIBUTYLDITHIOCARBAMATE)

DNEL (Consumer; dermal, long term systemic effects): 480 mg/kg
DNEL (Consumer; inhalational, long term systemic effects): 2 mg/m³
DNEL (Consumer; oral, long term systemic effects): 1 mg/kg
DNEL (Industry; dermal, long term systemic effects): 800 mg/kg
DNEL (Industry; inhalational, long term systemic effects): 6 mg/m³
PNEC:

ZINC bis(DIBUTYLDITHIOCARBAMATE)

PNEC (Fresh water): 0.00032 mg/l
PNEC (intermittent): 0.0074 mg/l
PNEC (Marine water): 0.000032 mg/l
PNEC (Sediment; fresh water): 32 mg/kg
PNEC (Sediment; marine water): 3.2 mg/kg
PNEC (Soil): 6.4 mg/kg
PNEC (STP): 0.00365 mg/l

8.2 Exposure controls



- Wear suitable respiratory protection
- Where an air-purifying respirator is suitable, use EN141 or EN405, type A
- Wear suitable gloves: EN 420 & EN374-1
- Wear eye/face protection
- BS EN PPE Codes: EN 166:2001
- Wear flameproof clothing
- Wear anti-static clothing and shoes
- Ensure adequate ventilation
- Wash hands thoroughly after using this substance

SECTION 8: Exposure controls/personal protection (....)

- Eyewash bottles should be available
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Colourless
- Odour: Solvent odour
- Melting point/Range: Not applicable
- Boiling Point/Range: 83 °C
- Flammability: Highly Flammable
- pH: Not applicable
- Solubility in water: Immiscible with water
- Density: Not applicable
- Flashpoint: 0°C
- Appearance: Clear
- Vapour Pressure: 4392 Pa at 20 °C
- Vapour pressure: 4392 Pa at 20 °C
- Vapour pressure: 19.15 kPa at 50 °C
- Relative density: 0.722
- Viscosity: 400-600 centipoise at 20 °C
- Kinematic viscosity: >20.5 mm²/s
- Vapour density - not applicable
- Partition coefficient : n-Octanol/water - not applicable
- Flash point: <0 °C (CC)
- Autoignition Temperature: >200°C
- Lower flammability limit 0.6% (in air)
- Upper flammability limit 7% (in air)

9.2 Other information

- Refractive Index - not applicable
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SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- This article is considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat and sources of ignition
- Keep away from naked flames, incandescent or hot surfaces
- Protect from sunlight.

10.5 Incompatible materials

- Avoid contact with acids and alkalis
- Incompatible with strong oxidizing substances

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

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

Estimated LD₅₀ (oral) (ATE) : >2000 mg/kg

Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg

LC₅₀ (inhalation) : >20 mg/l/4hr (gas/vapour)

heptane (and isomers)

LC₅₀ (inhalation, rat): 103 mg/l (4 hr)

LD₅₀ (dermal, rabbit): 3000 mg/kg

LD₅₀ (oral, rat): 17000 mg/kg

Skin corrosion/irritation

Causes redness and swelling

Calculation method

Serious eye damage/irritation

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

Respiratory or skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT (specific target organ toxicity) - single exposure

Vapours may cause drowsiness and dizziness

Calculation method

STOT (specific target organ toxicity) - repeated exposure

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

Aspiration hazard

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

11.2 Information on other hazards

SECTION 12: Ecological information

No experimental data available

12.1 Toxicity

heptane (and isomers)

IC₅₀ (algae): 0.1-1 mg/l (72 hr)

EC₅₀ (daphnia): 0.1-1 mg/l (48 hr)

LC₅₀ (fish): 0.1-1 mg/l (96 hr)

SECTION 12: Ecological information (....)

ZINC bis(DIBUTYLDITHIOCARBAMATE)

EC₅₀ (daphnia): 0.74 mg/l (48 hr)
LC₅₀ (fish): 520 mg/l (96 hr)
NOEC (fish): 0.32 mg/l
NOEC (Daphnia magna): 0.0032 mg/l

12.2 Persistence and degradability

- Biodegradable

12.3 Bioaccumulative potential

heptane (and isomers)

BCF: 3000
Pow Log: 4.66
Bioaccumulation is significant

12.4 Mobility in soil

- Not available

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Common Delegated Regulation (EU) 2017/2010 or Common Regulation (EU) 2018/605 at a concentration equal or greater than 0.1%.

12.7 Other adverse effects

- No information available
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
 - EU Waste Codes: 08 04 09
 - Dispose of contents/container to an authorised waste collection point
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SECTION 14: Transport information



14.1 UN number or ID number

- UN No.: 1133

14.2 UN proper shipping name

- Proper Shipping Name: ADHESIVES

14.3 Transport hazard class(es)

- Hazard Class: 3

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards

SECTION 14: Transport information (....)

- Marine Pollutant
- Environmentally hazardous

14.6 Special precautions for user

- Tunnel Code: D/E
- Limited quantity (LQ): 500 ml

14.7 Maritime transport in bulk according to IMO instruments

- No information available
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SECTION 15: Regulatory information

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

- Refer to current ADR Regulations
- Refer to current EC Directive 2012/18/EU (the Seveso III Directive)
- The Health and Safety at Work Act applies in the UK
- The COSHH Regulations apply in the UK
- The Hazardous Waste (England and Wales) Regulations 2005 apply in the UK
- The CLP Regulations apply in the UK
- Where UK Regulations are quoted, then for other nations the equivalent regulations should be identified
- Volatile Organic Compound Content ca. 100%
- Water Hazard Class (Company): 3
- The Workplace Directive (89/654/EEC) applies in the UK

15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out
 - This Safety Data Sheet does not constitute a workplace risk assessment
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- EUH208: Contains #. May produce an allergic reaction. H225: Highly flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.

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
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified Chemical Substances
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration

SECTION 16: Other information (....)

PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®/TWA = Threshold limit value – time-weighted average
TLV®STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

Use good personal hygiene practices

Changes made: See Section 3, Removed Hydrocarbons C7 , added Heptane (and isomers)

Due to major changes made, this Safety Data Sheet should be read entirely as new.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.