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**SAFETY DATA SHEET**

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

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

## 1.1 Product identifier

- Product Name: Weldtite Cycle Tyre Seal
- Product Part Number: 03010 (100ml)
- UFI: 3UGC-K5MR-M00U-3JH0

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

- Use of the substance/mixture: Sealant

## 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 17:00 Mon - Fri)
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**SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

- CLP: Flam. Aerosol 1, Aquatic Chronic 3

## 2.2 Label elements



- Signal Word: Danger

## Hazard statements

- H222 - Extremely flammable aerosol.
- H229 - Pressurised container: May burst if heated.
- H412 - Harmful to aquatic life with long lasting effects.

## Precautionary statements

- P101 - If medical advice is needed, have product container or label at hand.
  - P102 - Keep out of reach of children.
  - P103 - Read label before use.
  - P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  - P211 - Do not spray on an open flame or other ignition source.
  - P251 - Do not pierce or burn, even after use.
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## SECTION 2: Hazards identification (....)

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P273 - Avoid release to the environment.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.  
P501 - Dispose of contents/container to an authorised waste collection point

Supplemental Hazard information (EU)

EUH208 - Contains Rosin. 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

Butane

CAS Number: 106-97-8  
EC Number: 203-448-7  
Concentration: 10-25%  
Categories: Flam. Gas 2, Press. Gas  
Index No.: 601-004-00-0  
H Statements: H220

Propane

CAS Number: 74-98-6  
EC Number: 200-827-9  
Concentration: 10-25%  
Categories: Flam. Gas 2, Press. Gas  
Index No.: 601-003-00-5  
H Statements: H220

Isobutane

CAS Number: 75-28-5  
EC Number: 200-857-2  
Concentration: 2.5-10.0%  
Categories: Flam. Gas 2, Press. Gas  
Index No.: 601-004-00-0  
H Statements: H220

Propylene Glycol

CAS Number: 57-55-6  
EC Number: 200-338-0  
Concentration: 2.5-10.0%  
Categories: None assigned  
H Statements: None

zinc oxide

CAS Number: 1314-13-2  
EC Number: 215-222-5  
Concentration: 0.1-1%

### SECTION 3: Composition/information on ingredients (....)

Categories: Aquatic Acute 1, Aquatic Chronic 1  
Index No.: 030-013-00-7  
H Statements: H400;H410

#### ammonia solution

CAS Number: 1336-21-6  
EC Number: 215-647-6  
Concentration: 0.1-1%  
Categories: Skin Corr. 1B, Aquatic Acute 1, Aquatic Chronic 1  
Index No.: 007-001-01-2  
H Statements: H314;H410;H400  
M factor, acute: 1  
M factor, chronic: 1

#### rosin

CAS Number: 8050-09-7  
EC Number: 232-475-7  
Concentration: 0.1-1%  
Categories: Skin Sens. 1  
Index No.: 650-015-00-7  
H Statements: H317

#### Amines, coco alkyldimethyl, N-oxides

CAS Number: 61788-90-7  
EC Number: 263-016-9  
Concentration: 0.1-1%  
Categories: Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1  
H Statements: H302;H315;H318;H400  
M factor, acute: 1

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### 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)
- Never give anything by mouth to an unconscious person

#### Contact with eyes

If substance has got into eyes, immediately wash out with plenty of water for several minutes  
Remove contact lenses, if present and easy to do. Continue rinsing.  
When in doubt or symptoms persist, seek medical attention

#### Contact with skin

Wash affected area with plenty of soap and water  
When in doubt or symptoms persist, seek medical attention

#### Ingestion

Rinse mouth.  
Seek medical advice

#### Inhalation

Remove person to fresh air and keep comfortable for breathing.  
When in doubt or symptoms persist, seek medical attention

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

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

- May cause allergic reaction in susceptible people

### 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
- Decomposition products may include carbon oxides
- Inform Fire Brigade of potential danger of exploding and rocketing cylinders
- Nitrogen and carbon oxides may be formed

### 5.3 Advice for firefighters

- Wear Breathing Apparatus
  - Wear full protective clothing including chemical protection suit
  - 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

- Avoid contact with skin and eyes
- Evacuate the area
- Ensure adequate ventilation
- Wear protective clothing as per section 8

### 6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses
- Use appropriate containment to avoid environmental contamination
- 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 suitable inert material
- Remove contaminated material to safe location for subsequent disposal
- Do not absorb spillage in sawdust or other combustible material
- Seek expert advice for removal and disposal of all contaminated materials and wastes

### 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

- Do not eat, drink or smoke when using this product.
- Wash hands thoroughly after using this substance
- Ensure adequate ventilation
- Do not spray on an open flame or other ignition source.
- Do not pierce or burn, even after use.
- Use non-sparking tools.

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

- Keep only in the original container in a cool, well ventilated place away from heat
  - Keep container tightly closed
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## SECTION 7: Handling and storage (....)

- Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

### 7.3 Specific end use(s)

- See Section 1.2

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Butane

WEL (long term): 600 ppm (8 hour TWA), 2400 mg/m<sup>3</sup> (DE), 800 ppm (CN), 1900 mg/m<sup>3</sup> (CN)

WEL (short term): 750 ppm (STEL)

(France) VME: 800 ppm 1900 mg/m<sup>3</sup>

#### Propane

WEL (long term): 1800 mg/m<sup>3</sup> (DE), 1000 ppm (CN), 1800 mg/m<sup>3</sup> (CN)

WEL (short term): 4000 ppm (CN), 7200 mg/m<sup>3</sup> (CN)

#### Isobutane

WEL (long term): 2400 mg/m<sup>3</sup> (DE), 800 ppm (CN), 1900 mg/m<sup>3</sup> (CN)

#### Propylene Glycol

WEL (long term): 150 ppm (8 hour TWA)

#### zinc oxide

WEL (long term): 5 mg/m<sup>3</sup> (8 hour TWA), 3 mg/m<sup>3</sup> (CN)

WEL (short term): 15 mg/m<sup>3</sup>

(France) VME: 5 mg/m<sup>3</sup>

#### rosin

(France) VME: 0.1 mg/m<sup>3</sup>

### 8.2 Exposure controls



- Ensure adequate ventilation
- Wear eye protection.
- BS EN PPE Codes: EN 166
- Wear suitable gloves

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Physical state: Aerosol
- Colour: White
- Odour: Slight smell of ammonia
- Melting point/Range: Not available
- Boiling Point/Range: Not available
- Flammability: Extremely Flammable
- pH: Not available
- Solubility in water: Insoluble in water

## SECTION 9: Physical and chemical properties (....)

- Relative density: <1

### 9.2 Other information

- No information available
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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

- 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

### 10.5 Incompatible materials

- Avoid contact with oxidising substances
- Avoid contact with acids and alkalis

### 10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides
  - Decomposition products may include nitrogen oxides
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## SECTION 11: Toxicological information

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

#### Acute toxicity

- Estimated LD<sub>50</sub> (oral) (ATE) : >2000 mg/kg
- Estimated LD<sub>50</sub> (dermal) (ATE) : >4000 mg/kg
- Estimated LD<sub>50</sub> (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

#### Skin corrosion/irritation

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

#### Serious eye damage/irritation

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

#### Respiratory or skin sensitisation

rosin

May cause allergic reaction in susceptible people

#### 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

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## SECTION 11: Toxicological information (....)

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

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

- No information available
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## SECTION 12: Ecological information

### 12.1 Toxicity

Amines, coco alkyldimethyl, N-oxides

IC<sub>50</sub> (algae): 0.11 mg/l (96 hr)

### 12.2 Persistence and degradability

Amines, coco alkyldimethyl, N-oxides

Readily biodegradable

### 12.3 Bioaccumulative potential

- No information available

### 12.4 Mobility in soil

- Insoluble in water

### 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

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- 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.: 1950

### 14.2 UN proper shipping name

## SECTION 14: Transport information (....)

- Proper Shipping Name: AEROSOLS

### 14.3 Transport hazard class(es)

- Hazard Class: 2

### 14.4 Packing group

- Packing Group: Not applicable

### 14.5 Environmental hazards

- Presents little or no hazard to the environment

### 14.6 Special precautions for user

- Tunnel Code: D
- Limited quantity (LQ): 1 Ltr

### 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

- 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 Workplace Directive (89/654/EEC) applies 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
- Refer to current ADR Regulations
- Refer to current EC Directive 2012/18/EU (the Seveso III Directive)
- Water Hazard Class (Company): 1

### 15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
  - 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:- H220: Extremely flammable gas. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. 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 parRoute

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

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## **SECTION 16: Other information (....)**

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  
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

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.