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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 Inner Tube Sealant
- Product Part Number: 03013 (5 ltr); 03014 (250ml); 03088 (1 ltr); 03102 (25 ltr)

#### 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 16:30 Mon - Fri)
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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: The product is not classified as hazardous according to (EC) Nr. 1272/2008 [CLP]

#### 2.2 Label elements

- Signal Word: None

#### Hazard statements

None

#### Precautionary statements

P102 - Keep out of reach of children.

#### 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

MEG (Ethane-1,2-diol particulate)

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

CAS Number: 107-21-1  
EC Number: 203-473-3  
Concentration: <10%  
Categories: Acute Tox. 4, STOT RE 2  
H Statements: H302;H373

disodium metasilicate

CAS Number: 6834-92-0  
EC Number: 229-912-9  
Concentration: <1%  
Categories: Skin Corr. 1B, STOT SE 3  
H Statements: H335;H314

Bronopol

CAS Number: 52-51-7  
EC Number: 200-143-0  
Concentration: < 0.2%  
Categories: Acute Tox. 3, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 2  
H Statements: H331;H301;H312;H315;H318;H411;H400  
REACH Registration Number: 603-085-00-8

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- 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  
If skin irritation occurs: Get medical advice/attention.

Ingestion

Rinse mouth.  
Do not induce vomiting  
Give plenty of water to drink  
If you feel unwell, seek medical advice (show the label where possible)

Inhalation

Remove patient to fresh air

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

- May cause irritation

#### 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 extinguishing media appropriate to surrounding conditions
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## SECTION 5: Firefighting measures (....)

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

- May give off noxious and toxic fumes in a fire
- Decomposition products may include carbon oxides

### 5.3 Advice for firefighters

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

- Use only outdoors or in a well-ventilated area.
- Wear protective clothing as per section 8
- Do not mix with acid

### 6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses
- Stop leak if safe to do so.

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

- Absorb spillage in inert material and shovel up
- Collect as much as possible in clean container for reuse or disposal
- Wash thoroughly after dealing with spillage

### 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

- Avoid contact with skin and eyes
- Ensure adequate ventilation
- Proper chemicals handling procedures should be adopted
- Do not mix with acid

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

- Keep in a cool, dry, well ventilated place
- Keep container tightly closed
- Protect from sunlight.
- Shelf life: 3 years

### 7.3 Specific end use(s)

- See Section 1.2
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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

MEG (Ethane-1,2-diol particulate)

WEL (long term): 20 ppm 52 mg/m<sup>3</sup> (8 hour TWA)

WEL (short term): OES / STEL: 40 ppm 104 mg/m<sup>3</sup>

Bronopol

DNEL (Consumer; dermal, long term systemic effects): 0.7 mg/kg bw/day

DNEL (Consumer; inhalational, long term systemic effects): 0.6 mg/m<sup>3</sup>

DNEL (Consumer; oral, long term systemic effects): 0.18 mg/kg bw/day

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

DNEL (Industry; dermal, long term systemic effects): 2 mg/kg bw/day

DNEL (Industry; inhalational, long term systemic effects): 3.5 mg/m<sup>3</sup>

### 8.2 Exposure controls

- Use personal protective equipment as required.
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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Orange
- Odour: Characteristic odour
- Melting point/Range: Not applicable
- Freezing point/Range: -40 °C to -8 °C
- Boiling Point/Range: Not available
- Flammability: Not flammable
- pH: 9-10
- Solubility in water: Partly soluble in water
- Density: Not applicable
- Relative density: 1.05
- Flashpoint: >93°C

### 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

- 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

- No special requirements

### 10.5 Incompatible materials

- Avoid contact with acid

### 10.6 Hazardous decomposition products

- Decomposition products may include toxic and irritant fumes
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## SECTION 11: Toxicological information

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

#### Acute toxicity

disodium metasilicate

LD<sub>50</sub> (oral, rat): 1153 mg/kg

Bronopol

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

LD<sub>50</sub> (oral, rat): 193-211 mg/kg

MEG (Ethane-1,2-diol particulate)

LD<sub>50</sub> (dermal, rabbit): 10600 mg/kg

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

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

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

MEG (Ethane-1,2-diol particulate)

EC<sub>50</sub> (daphnia): 100 mg/l (48 hr)

LC<sub>50</sub> (fish): 49-72.86 mg/l (96 hr)

Bronopol

IC<sub>50</sub> (algae): 0.027-0.178 mg/l (72 hr)

EC<sub>50</sub> (daphnia): 1.4 mg/l (48 hr)

LC<sub>50</sub> (fish): 11 mg/l (96 hr)

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- partly miscible with water

12.5 Results of PBT and vPvB assessment

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## **SECTION 12: Ecological information (....)**

- 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
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## **SECTION 14: Transport information**

Not classified as hazardous for transport

### 14.1 UN number or ID number

- UN No.: Not applicable

### 14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

### 14.3 Transport hazard class(es)

- Hazard Class: Not applicable

### 14.4 Packing group

- Packing Group: Not applicable

### 14.5 Environmental hazards

- Not Classified

### 14.6 Special precautions for user

- Not Classified

### 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 ADR Regulations apply in the UK
- The CLP Regulations apply in the UK
- The Health and Safety at Work Act applies in the UK
- The Workplace Directive (89/654/EEC) applies in the UK
- Where UK Regulations are quoted, then for other nations the equivalent regulations should be identified
- Water Hazard Class (Company): 1

### 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**

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

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H301: Toxic if swallowed. H302: Harmful if swallowed. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318: Causes serious eye damage. H331: Toxic if inhaled. H335: May cause respiratory irritation. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H411: 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  
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.