

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

Trade name: Weldtite Inner Tube Tyre Sealant
 Item Code: 03014 (250ml), 03088 (1ltr), 03013 (5ltr)

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

Recommended uses: Sealant for bicycle inner tubes.

1.3. Details of the supplier of the safety data sheet

Supplier: Weldtite Products Ltd
 Unit 9, Harrier Road, Humber Bridge Industrial Estate
 Barton upon Humber, North Lincolnshire DN18 5RP UK
 T: +44 (0)1652 660000, F: +44 (0)1652 660066
 Email: sales@weldtite.co.uk, web: www.weldtite.co.uk

1.4. Emergency telephone number

01652 660000 (9-5 Mon – Thurs, 9-4.30 Fri, closed on public holidays)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

Main hazards: No Significant Hazard

2.2. Label elements

Risk phrases: No Significant Hazard

UFI: VHPJ-0M65-5R95-8MAJ

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

Ingredient	EC No.	CAS No.	Registration No.	% w/w	Classification 67/548EEC	Classification 1272 / 2008
MEG (Ethane-1,2-diol particulate)	203-473-3	107-21-1		1-10	Xn; R22	Acute Tox. 4: H302; STOT RE 2: H373
2-Bromo-2-nitropropane-1,3-diol Index no. 603-085-00-8	200-143-0	52-51-7		0 – 0.5	Xn; R21/R22 Xi; R37/38-41 N; R50	Acute Tox. 4: H312; Acute Tox. 4: H302; STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400;

Please see section 16 for the full text of R-phrases and H-phrases.

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation: Move the exposed person to fresh air.
 Ingestion: DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water.
 Skin: Remove contaminated clothing. Wash off immediately with plenty of soap and water.
 Eyes: Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
 Other information: When obtaining medical advice, show the safety data sheet or label.

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

Inhalation: May cause irritation to respiratory system.
 Eye contact: May cause irritation to eyes.
 Skin contact: May cause irritation to skin.
 Ingestion: May cause irritation to mucous membranes.

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

Inhalation: Seek medical attention if irritation or symptoms persist.
 Eye contact: Seek medical attention if irritation or symptoms persist.
 Skin contact: Seek medical attention if irritation or symptoms persist.
 Ingestion: Seek medical attention if irritation or symptoms persist.

SECTION 5: Fire fighting measures**5.1. Extinguishing media**

Suitable extinguishing media: Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Burning produces irritation, toxic and obnoxious fumes. This product is not directly flammable.

5.3. Advice for fire fighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

See section 3, 8, 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3. Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits:

Ingredient:		
Mono ethylene glycol (Ethane-1,2-diol particulate)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total – Inhalable dust: WEL 8-hr limit mg/m3 total – Respirable dust:	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:
Mono ethylene glycol (Ethane-1,2-diol vapour)	WEL 8-hr limit ppm: 20 WEL 15 min limit ppm: 40 WEL 8-hr limit mg/m3 total – Inhalable dust: WEL 8-hr limit mg/m3 total – Respirable dust:	WEL 8-hr limit mg/m3: 52 WEL 15 min limit mg/m3: 104 WEL 15 min limit mg/m3 total - inhalable dust: WEL 15 min limit mg/m3 total - respirable dust:

8.2. Exposure controls



8.2.1 Appropriate engineering controls:

Ensure adequate ventilation of the working area.

8.2.2 Individual protection measures:

Wear protective clothing.

Eye / face protection:

In case of splashing, wear: Approved safety goggles.

Skin / Hand protection:

Chemical resistant gloves (PVC)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Viscous Liquid
Colour:	Orange
Odour:	Characteristic
pH (solution for use):	7-8
Melting point:	No data available
Partition coefficient:	No data available
Auto-ignition temperature:	No data available
Viscosity:	7500-9000 cps
Explosive properties:	No data available
Oxidising properties:	No data available
Relative density:	No data available
Fat Solubility:	No data available
Freezing Point:	-40 to -12 °C
Initial boiling point:	No data available
Flash point:	Not applicable
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Vapour pressure:	No data available
Vapour density:	No data available
Solubility:	No data available

9.2. Other information

Conductivity:	No data available
Surface tension:	No data available
Specific gravity:	1.05
Gas group:	No data available
Benzene content:	No data available
Lead content:	No data available
VOC (Volatile Organic Compounds):	Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity	No data available.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	No data available.
10.4. Conditions to avoid	No data available.
10.5. Incompatible materials	No data available.
10.6. Hazardous decomposition products	Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute toxicity:	Irritating to eyes. May cause irritation to eyes.
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SECTION 12: Ecological information

12.2. Persistence and degradability	No data is available on this product.
12.3. Bioaccumulative potential	No data is available on this product.
Partition coefficient	No data is available on this product.
12.4. Mobility in soil	No data is available on this product.
12.5. Results of PBT and vPvB assessment	No data is available on this product.
12.6. Other adverse effects	No data is available on this product.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

General information	Dispose of in compliance with all local and national regulations.
Disposal methods	Contact a licensed waste disposal company.
Disposal of packaging	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
Further information	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

SECTION 14: Transport information

ADR/RID	The product is not classified as dangerous for carriage.
IMDG	The product is not classified as dangerous for carriage.
IATA	The product is not classified as dangerous for carriage.
14.6. Special precautions for user	-
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	-

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

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and

Safety Data Sheet according to REACH regulation (EC) no.1907/2006 / 453/2010

Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment

No data is available on this product.

SECTION 16: Other information

Abbreviation explanations:
PBT: Persistent, Bio accumulative and Toxic
vPvB: Very Persistent and Very Bio accumulative
DSD: Dangerous Substances Directive (67/548/EEC)
DPD : Dangerous Preparations Directive (1999/45/EC)
CLP: Classification, labelling and packaging of substances and mixtures (1272/2008/EC)

Text of risk phrases in Section 3
R21/22 - Harmful in contact with skin and if swallowed.
R22 - Harmful if swallowed.
R37/38 - Irritating to respiratory system and skin.
R41 - Risk of serious damage to eyes.
R50 - Very toxic to aquatic organisms.

Text of Hazard Statements in Section 3

Acute Tox. 4: H302 - Harmful if swallowed.
STOT RE 2: H373 – May cause damage to organs through prolonged or repeated exposure.
Acute Tox. 4: H312 - Harmful in contact with skin.
Skin Irrit. 2: H315 - Causes skin irritation.
Eye Dam. 1: H318 - Causes serious eye damage.
STOT SE 3: H335 - May cause respiratory irritation.
Aquatic Acute 1: H400 - Very toxic to aquatic life.

Training Advice

Users should be trained in good industrial hygiene practise.

This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

Do not mix with other chemicals.

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 himself as to the suitability of such information for his own particular use.