

Safety Data Sheet (REACH regulation (EC) no.1907/2006 / 453/2010)**1 Identification of the substance / preparation and of the company****1.1 Product identifier**

Product name : Weldtite Cycle Tyre Seal 100ml
Product No. 03010 / 60123

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

Identified uses: Sealant for Cycles tyres (temporary)

1.3 Details of the supplier of the safety data sheet

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

1.4 Emergency phone: **44 (0)1652660000 (Available 08.30 to 17.00)

2 Hazards identification**2.1 Classification of the substance or mixture****2.1.1 Classification according to Regulation (EC) No 1272/2008**

Flammable aerosol, Category 1 (Aerosol 1, H222 - H229).

May produce an allergic reaction (EUH208).

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

2.1.2 Classification according to EU Directive 1999/45/EC

Extremely flammable (F+, R 12).

May produce an allergic reaction.

Aquatic environmental hazard, chronic toxicity: harmful (R 52/53).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).

2.2 Label elements

Mixture for aerosol application.

2.2.1 Labelling according to Regulation (EC) No 1272/2008

Hazard Symbols:



GHS02

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:

General:

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.

Precautionary statements - Prevention :

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.
P261 Avoid breathing spray.
P273 Avoid release to the environment.

Precautionary statements - Storage :

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

Precautionary statements - Disposal :

P501 Dispose of contents/container according to the local rules.

2.2.2 Labelling according to EU Directive 1999/45/EC

Refer to Section 16.

2.3 Other hazards

The mixture does not contain any substances classified as 'Substances of Very High Concern' (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

Hazardous components which must be listed on the label

EUH208 Contains ROSIN. May produce an allergic reaction.

3 Composition / Information on ingredients**3.1 Substances**

Not Applicable. No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

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3.2 Mixtures
3.2.1. Hazardous Ingredients

Ingredient	EC No.	CAS No.	INDEX:	% w/w	Classification 1272 / 2008	Classification 67/548EEC
BUTANE [1]	203-448-7	106-97-8	601-004-00-0	10 <= x % < 25	GHS02, GHS04 Dgr Flam. Gas 1, H220	F+ F+;R12
PROPANE [1]	200-827-9	74-98-6	601-003-00-5	10 <= x % < 25	GHS02, GHS04 Dgr Flam. Gas 1, H220	F+ F+;R12
ISOBUTANE [1]	200-857-2	75-28-5	601-004-00-0	2.5 <= x % < 10	GHS02, GHS04 Dgr Flam. Gas 1, H220	F+ F+;R12
PROPYLENE GLYCOL [1]	200-338-0	57-55-6		2.5 <= x % < 10		
ZINC OXIDE [1]	215-222-5	1314-13-2	030-013-00-7	0 <= x % < 1	GHS09 Wng Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	N N;R50/53
AMMONIA SOLUTION	215-647-6	1336-21-6	007-001-01-2	0 <= x % < 1	GHS05, GHS09 Dgr Skin Corr. 1B, H314 Aquatic Acute 1, H400 M Acute = 1	C,N C;R34 N;R50
ROSIN [1]	232-475-7	8050-09-7	650-015-00-7	0 <= x % < 1	GHS07 Wng Skin Sens. 1, H317	Xi Xi;R43
OXYDE DE (COCO FRACTONNÉ) DIMÉTHYLAMINE	263-016-9	61788-90-7		0 <= x % < 1	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 M Acute = 1	Xn,N Xn;R22 Xi;R38-R41 N;R50

Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

See Section 16 for explanation of the classification codes.

4 First aid measures
4.1 Description of first aid measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures
In the event of exposure by inhalation :

In the event of an allergic reaction, seek medical attention.

In the event of splashes or contact with skin :

In the event of an allergic reaction, seek medical attention.

In the event of swallowing :

Seek medical attention, showing the label.

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

No data available.

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

No data available.

5 Fire-fighting measures
5.1 Extinguishing Media

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

5.1. Extinguishing media

Keep packages near the fire cool, to prevent pressurised containers from bursting.

Suitable methods of extinction

In the event of a fire, use :

- halon
- multipurpose ABC powder
- BC powder

Prevent the effluent of fire-fighting measures from entering drains or waterways.

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)
- nitrogen oxide (NO)
- nitrogen dioxide (NO₂)

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5.3. Advice for firefighters

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

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

Consult the safety measures listed under headings 7 and 8.

For fire-fighters

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

7 Handling and storage

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1 Precautions for safe handling

Always wash hands after handling.

Fire prevention :

Handle in well-ventilated areas.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.

Do not spray on a naked flame or any incandescent material.

Do not pierce or burn, even after use.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.

Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Do not breathe in aerosols.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep out of reach of children.

Keep the container tightly closed in a dry, well-ventilated place.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

8 Exposure controls / personal protection
8.1 Control parameters
Occupational exposure limits :

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
106-97-8	600 ppm	750 ppm	-	-	-
57-55-6	150 ppm	-	-	-	-

- Germany - AGW (BAuA - TRGS 900, 21/06/2010) :

CAS	ME :	VME :	Excess	Notes
106-97-8	1000 ml/m3	2400 mg/m3	4(II) DFG	
74-98-6	1000 ml/m3	1800 mg/m3	4(II) DFG	
75-28-5	1000 ml/m3	2400 mg/m3	4(II) DFG	

- France (INRS - ED984 :2008) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
106-97-8	800	1900	-	-	-	-
1314-13-2	-	5	-	-	-	-
8050-09-7	-	0.1	-	-	-	65.66

- Switzerland (SUVA 2009) :

CAS	VME-mg/m3 :	VME-ppm :	VLE-mg/m3 :	VLE-ppm :	Temps :	RSB :
106-97-8	1900	800	-	-	-	-
74-98-6	1800	1000	7200	4000	4x15	-
75-28-5	1900	800	-	-	-	-
1314-13-2	3a	-	3a	-	15 min	-
8050-09-7	-	-	-	-	-	S

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
106-97-8	1000 ppm	-	-	-	-
74-98-6	1000 ppm	-	-	-	-
75-28-5	1000 ppm	-	-	-	-
1314-13-2	2 mg/m3	10 mg/m3	-	-	R

8.2. Exposure controls**Personal protection measures, such as personal protective equipment**

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

9 Physical and chemical properties**9.1 Information on basic physical and chemical properties****General information :**

Physical state : fluid liquid, spray.

Important health, safety and environmental information

pH : Not relevant.

Boiling point/boiling range : not specified.

Vapour pressure (50°C) : not relevant.

Density : < 1

Water solubility : Insoluble.

Melting point/melting range : not specified.

Self-ignition temperature : not specified.

Decomposition point/decomposition range : not specified.

Chemical combustion heat : not specified.

Inflammation time : not specified.

Deflagration density : not specified.

Inflammation distance : not specified.

Flame height : not specified.

Flame duration : not specified.

9.2. Other information

No data available.

10 Stability and reactivity**10.1 Reactivity**

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- heating

- heat

10.5. Incompatible materials**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO₂)

- nitrogen oxide (NO)

- nitrogen dioxide (NO₂)

11 Toxicological information**11.1 Information on toxicological effects**

No data available.

11.1.1. Substances

No toxicological data available for the substances.

11.1.2. Mixture**Respiratory or skin sensitisation :**

Contains at least one sensitising substance. May cause an allergic reaction.

12 Ecological information

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

12.1 Toxicity**12.1.1. Substances**

OXYDE DE (COCO FRACTONNÉ) DIMÉTHYLAMINE (CAS: 61788-90-7)

Algae toxicity : EC₅₀ = 0.11 mg/l

Factor M = 1

Species : *Pseudokirchnerella subcapitata*

Duration of exposure : 96 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability

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12.2.1. Substances

OXYDE DE (COCO FRACTONNÉ) DIMÉTHYLAMINE (CAS: 61788-90-7)

Biodegradability : Fast degrading.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

13 Disposal considerations

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1 Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

14 Transport information

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2013 - IMDG 2012 - ICAO/IATA 2013).

14.1. UN number

1950

14.2. UN proper shipping name

UN1950=AEROSOLS, flammable

14.3. Transport hazard class(es)

- Classification :



2.1

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	2	5F	-	2.1	-	1 L	190 327 344 625	E0	2	D

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	2.1	See SP63	-	SP277	F-D,S-U	63 190 277 327 344 959	E0

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	2.1	-	-	203	75 kg	203	150 kg	A145 A167 A145 A167 A802	E0
	2.1	-	-	Y203	30 kg G	-	-	A145 A167 A802	E0

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

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

No data available.

15 Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
- Classification and labelling information included in section 2:

The following regulations have been used:

- Directive 67/548/EEC and its adaptations

- Directive 1999/45/EC and its adaptations

- Directive 75/734/CEE modified by directive 2013/10/UE

- Regulation EC 1272/2008 modified by regulation EC 618/2012

- Container information:

No data available.

- Particular provisions :

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No data available.

- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704):

NFPA 704, Labelling: Health=0 Inflammability=1 Instability/Reactivity=1 Specific Risk=none

**15.2. Chemical safety assessment**

No data available.

16 Other information

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Hazard symbols :



Extremely flammable

Contains :

Contains 650-015-00-7 ROSIN. May produce an allergic reaction.

Risk phrase :

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 12 Extremely flammable.

Safety phrase :

S 16 Keep away from sources of ignition - No smoking.

S 2 Keep out of the reach of children.

S 46 If swallowed, seek medical advice immediately and show this container or label.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

S 23 Do not breathe spray

Do not use the product in another way of what it is intended to. Use and store only in a well-ventilated area.

Do not spray for a long time.

Title for H, EUH and R indications mentioned in section 3 :

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.

R 12 Extremely flammable.

R 22 Harmful if swallowed.

R 34 Causes burns.

R 38 Irritating to skin.

R 41 Risk of serious damage to eyes.

R 43 May cause sensitisation by skin contact.

R 50 Very toxic to aquatic organisms.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

16.1 Abbreviations and acronyms used in this data sheet.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS02 : Flame

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

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.