

SAFETY DATA SHEET

ACCORDING TO REGULATIONS (EC) 1907/2006 (REACH) Annex II as amended by (EU) 2020/878

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

1.1	Product identifier	Trade name: FIX 247 Gas & Water Jointing Compound 250g EAN13: 5056529202901 Product Code: 070323 UFI: not determined
1.2	Relevant identified uses of the substance or mixture and uses advised against	Lubricants, greases and release products, metal surface treatment product
1.3	Details of the supplier of the safety data sheet	Fix 24/7 Ltd Harrier Court, Exeter Airport, Clyst Honiton, EX5 2DR Telephone: +44 (0) 1395 233076 Email: sales@fix247.co.uk
1.4	Emergency telephone number	+44 (0) 845 880 60 50 Only available during office hours

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.1	Classification according to regulation (EC) No 1272/2008 (CLP)	The preparation is classified as a health hazard Eye Irrit 2 – H319; Skin Sens 1 – H317
2.1.3	Additional information	None

2.2 Label elements

2.2.1 According to regulation (EC) 1272/2008 & 453/2010 (CLP)

Hazard pictograms	
Signal words	Warning
Hazard statements	H317 May cause an allergic skin reaction H319 Causes serious eye irritation
Precautionary statements	P102 Keep out of reach of children P280 Wear protective gloves/protective clothing/eye protection/face protection P302+P352 IF ON SKIN: Wash with plenty of water P305+P351+P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: get medical advice/attention. P501 dispose of contents/container in accordance with national regulations
Contains	2,5-bis(octyldithio)-1,3,4-thiadiazole
Supplementary precautionary statements	P261 Avoid breathing vapour/spray P264 Wash contaminated skin thoroughly after handling P272 Contaminated work clothing should not be allowed out of the workplace P321 Specific treatment (see medical advice on this label) P362+P364 Take off contaminated clothing and wash it before reuse

2.3 Other Hazards

This mixture does not contain any substances classified as PBT or vPvB in accordance with Annex XIII

Endocrine Disrupting Properties
4-hydroxy-4-methyl-2-pentanone
Silicone dioxide, amorphous

SECTION 3: Composition/information on ingredients

Product definition: Mixture

3.1 Substance

Not applicable

3.2 Mixture

Substance Identity	%w/w	Name	(EC) No1272/2008 classification
Cas no 8001-79-4 EC no 232-293-8	20 - 30	Castor oil	Not Classified
CAS no -123-42-2 EC no – 204-626-7	5 - 10	4-hydroxyl-4-methyl-2-pentanone **	Eye Irrit. 2 H319
CAS no 1302-78-9 EC no 215-108-5	<10	Bentonite	Aq. Chronic 4 H413
CAS no 13539-13-4 EC no 236-912-2	1	2,5-bis(octyldithio)-1,3,4-thiadiazole ***	Skin Sens 1 H317

Additional information: For full text of H-statements: see section 16

** Substance with national workplace exposure limits – see section 8

*** For Europe, EC number 948-020-7 applies for REACH registration purposes for 2,5-Dimercapto-1,3,4-thiadiazole derivative.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes	Low toxicity, not generally irritating to the skin, however as a general precaution avoid prolonged contact with the product
Following inhalation	Remove to fresh air. Treat any irritations symptomatically. If necessary consult a doctor
Following skin contact	Wash off immediately with plenty of soap and water
Following eye contact	Irrigate with cool water for at least 15 minutes
Following ingestion	DO NOT INDUCE VOMITING. Rinse with copious amounts of water. Drink 2 glasses of water. Seek medical attention
Self-protection of the first aider	Wear protective clothing as detailed in section 8.

4.2 Most important symptoms and effects, both acute and delayed

May cause eye irritation

4.3 Indication of any immediate medical attention and special treatment needed

If you feel unwell seek medical advice immediately

SECTION 5: Fire-fighting measures

5.1	Extinguishing media	Dry chemical, carbon dioxide
5.2	Special hazards arising from the substance or mixture	Oxides of carbon, unburned hydrocarbons, halogenated compounds
5.3	Advice for firefighters	Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1	Personal precautions, protective equipment and emergency procedures	Wear protective clothing as detailed in section 8.
6.2	Environmental precautions	Spillages or uncontrolled discharges into watercourses must be immediately alerted to the Environmental Agency or other appropriate regulatory body.
6.3	Methods and material for containment and cleaning up	Absorb spillages into sand, earth or any suitable absorbent material. Wash spill area with soapy water.
6.4	Reference to other sections	Wear protective clothing as detailed in section 8.

SECTION 7: Handling and storage

7.1	Precautions for safe handling	Avoid spilling, skin and eye contact. When using do not eat, drink, or smoke.
7.2	Conditions for safe storage, including any incompatibilities	Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from freezing, store at temperature above 5°C
7.3	Specific end use(s)	The identified uses for this product are detailed in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1.3 National occupational exposure limits

4-hydroxyl-4-methyl-2-pentanone (UK)

WEL TWA[1] 241 mg/m³ WEL TWA[2] 50ppm WEL STEL 362 mg/m³, 75ppm

8.2 Exposure controls

8.2.1	Appropriate engineering controls	Avoid spilling, skin and eye contact.		
8.2.2	Personal protection	 Goggles giving complete protection to eyes (EN166)	 Protective gloves (nitrile rubber) (EN374)	Long sleeve clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

(a) Physical State	Gel
(b) Colour	Cream to beige
(c) Odour	Slight
(k) pH	Neutral
(p) Relative density	1.31
(m) Solubility (water)	Insoluble in water

(d) Melting point/freezing point	Melting point >149°C
(e) Initial boiling point and boiling range	Not available
(h) Flash point	Not available
(f) Flammability (solid, gas)	Not available
(g) Upper/lower flammability or explosive limits	Not available
(o) Vapour pressure	Not available
(q) Relative vapour density	Not available
(n) Partition coefficient: n-octanol/water	Not available
(i) Auto-ignition temperature	Not available
(j) Decomposition temperature	Not available
(l) Kinetic Viscosity	Not available
(r) Particle characteristics (solids)	Not available

9.2 Other information

9.2.1 Information with regard to physical hazard classes

- (a) Explosives – No additional information available
- (b) Flammable gases – No additional information available
- (c) Aerosols – Not applicable
- (d) Oxidising gases – Not available
- (e) Gases under pressure – No additional information available
- (f) Flammable liquids – No additional information available
- (g) Flammable solids – No additional information available
- (h) Self-reactive substances and mixture – No additional information available
- (i) Pyrophoric liquids – No additional information available
- (j) Pyrophoric solids – No additional information available
- (k) Self-heating substances and mixtures – No additional information available
- (l) Substances and mixtures, which emit flammable gases in contact with water – No information available
- (m) Oxidising liquids – No additional information available
- (n) Oxidising solids – No additional information available
- (o) Organic peroxides – No additional information available
- (p) Corrosive to metals – No additional information available
- (q) Desensitised explosives – No additional information available

9.2.2 Other safety characteristics

1. (a) mechanical sensitivity – No additional information available
2. (b) self-accelerating polymerisation temperature – No additional information available
3. (c) formation of explosible dust/air mixtures – No additional information available
4. (d) acid/alkaline reserve – No additional information available
5. (e) evaporation rate – No additional information available
6. (f) miscibility – No additional information available
7. (g) conductivity – No additional information available
8. (h) corrosiveness – No additional information available
9. (i) gas group – No additional information available
10. (j) redox potential – No additional information available
11. (k) radical formation potential – No additional information available
12. (l) photocatalytic properties – No additional information available

SECTION 10: Stability and reactivity

10.1	Reactivity	No information available
10.2	Chemical stability	Stable under normal conditions of use and storage
10.3	Possibility of hazardous reactions	None under normal processing
10.4	Conditions to avoid	Avoid excessive heat flames and sparks
10.5	Incompatible materials	Strong oxidising agents
10.6	Hazardous decomposition products	None under normal use

SECTION 11: Toxicological information

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

(a) acute toxicity	Based on available data, the classification criteria are not met
(b) skin corrosion/irritation	Based on available data, the classification criteria are not met
(c) serious eye damage/irritation	Based on available data, the classification criteria are not met
(d) respiratory or skin sensitisation	Based on available data, the classification criteria are not met
(e) germ cell mutagenicity	Based on available data, the classification criteria are not met
(f) carcinogenicity	Based on available data, the classification criteria are not met
(g) reproductive toxicity	Based on available data, the classification criteria are not met
(h) STOT-single exposure	Based on available data, the classification criteria are not met
(i) STOT-repeated exposure	Based on available data, the classification criteria are not met
(j) aspiration hazard	Based on available data, the classification criteria are not met

11.1.15 Information on likely routes of exposure

General information	No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure
Inhalation	The product is considered to be a low hazard under normal conditions of use.
Ingestion	Gastrointestinal symptoms, including upset stomach
Skin contact	Prolonged contact may cause irritation and dryness of the skin
Eye contact	May cause temporary eye irritation
Route of exposure	Ingestion, Inhalation, Skin and/or Eye contact
Target organs	No specific target organs known

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2 Other information

No additional information available

SECTION 12: Ecological information

12.1	Toxicity	The environmental impact has not been fully investigated
12.2	Persistence and degradability	No information available
12.3	Bioaccumulative potential	No information available
12.4	Mobility in soil	Absorbs on soil
12.5	Result of PBT and vPvB assessment	This mixture does not contain any substances that are assessed to be a PBT or a vPvB
12.6	Endocrine disrupting properties	For information see section 11
12.7	Other adverse effects	No information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of waste and residues in accordance with local authority regulations

European waste catalogue

Disposal of product: European Waste Catalogue 16 03 06
Disposal of packaging: European Waste Catalogue 15 01 02

Taking into consideration the local authority regulations, the spent container may be disposed of with household refuse providing it has been rinsed.

Disposal of packaging as municipal waste (having been rinsed): European Waste Catalogue 20 01 39

SECTION 14: Transport information

14.1	UN number or ID number	Not classified
14.2	UN proper shipping name	None
14.3	Transport hazard classes	None
14.4	Packing group	None
14.5	Environmental hazards	Not classified as a marine pollutant
14.6	Special precautions for user	None
14.7	Maritime transport in bulk according to IMO instruments	Not applicable

SECTION 15: Regulatory information

15.1	Safety, health and environmental regulations/ legislation specific for the substance or mixture	15.1.1 EU Regulations 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) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Contains no substances listed in Annex XIV (SVHC). Contains no substances subject to Regulation 2019/1148 on the marketing and use of explosives precursors. Contains no substance subject to Regulation 273/2004 on the sale of substances used in the illicit manufacture of narcotic and psychotropic substances. 15.1.2 National regulations UK: Health and Safety at Work etc. Act 1974 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits. Ireland: Safety, Health and Welfare at Work Act 2005 Carriage of Dangerous Goods by Road and use of Transportable Pressure Equipment Regulations 2011 (SI No 349 of 2011) (as amended). 2018 Code of Practice for the Chemical Agents Regulations.
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15.2	Chemical Safety Assessment	No chemical safety analysis has been carried out for this mixture by the supplier
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SECTION 16: Other information

Indication of changes:

Abbreviations and acronyms

ACLG	Approved Classification and Labelling Guide
CAS No	Chemical Abstracts Service Number
CLP	Classification Labelling Packaging Regulations (EC) No 1272/2008
EC No	EINECS Number
EINECS	European Inventory of Existing Commercial Substances
NC	Not Classified
PBT	Persistent, Bioaccumulative and Toxic substance
SDS	Safety Data Sheet
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations
SVHC	Substances of Very High Concern
UN	United Nations
vPvB	Very Persistent and Very Bioaccumulative

Relevant H-statements for pure substances listed in section 3

Hazard statements in full

H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H413	May cause long-lasting harmful effects to aquatic life

Full text of classifications [1272/2008]

Eye Irrit. 2	Serious eye damage/eye irritation – category 2
Skin Sens. 1	Skin sensitisation – category 1
Aq. Chronic 4	Aquatic chronic – category 4

Source of key data used to compile SDS:

Raw material suppliers' safety data sheets

Approved Classification and Labelling Guide (Sixth edition)

Region(s): United Kingdom of Great Britain & Northern Ireland GB/GBR/826

Ireland IE/IRL/372

Language: English EN

This information is based on the present state of our knowledge.

End of safety data sheet.