

SAFETY DATA SHEET

according to Regulation (EU) 2015/830

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Flaw and Crack Detector: Developer

Revision 2

Revision date 2015-11-13

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

1.1. Product identifier

| | |
|--------------|------------------------------------|
| Product name | Flaw and Crack Detector: Developer |
| Product code | EG2003 |

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

| | |
|-------------|--|
| Product Use | [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC25] Metal working fluids; |
|-------------|--|

1.3. Details of the supplier of the safety data sheet

| | |
|---------------------------------------|---|
| Company | Weldability Sif |
| Address | Peters House, The Orbital Centre, Icknield Way, Letchworth Garden City, Hertfordshire, SG6 1ET. UK. |
| Web | www.weldability-sif.com |
| Telephone | 0870 330 7757 |
| Fax | 0800 970 7757 |
| Email | service@weldability-sif.com |
| Email address of the competent person | msds@weldability-sif.com |

1.4. Emergency telephone number

| | |
|----------------------------|--|
| Emergency telephone number | 0870 330 7757 |
| Company | Weldability Sif 8.30 - 5.30 Mon - Fri |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------------------------------|--|
| 2.1.1. Classification - 1999/45/EC | F+; R12 Symbols: F+: Extremely flammable. |
| Main hazards | Extremely flammable. |
| 2.1.2. Classification - EC 1272/2008 | Flam. Liq. 2: H225; Eye Irrit. 2: H319; |

2.2. Label elements

| | |
|-------------------|---|
| Hazard pictograms |   |
|-------------------|---|

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2.2. Label elements

| | |
|-------------------------------------|---|
| Signal Word | Danger |
| Hazard Statement | Flam. Liq. 2: H225 - Highly flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. |
| Precautionary Statement: Prevention | P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting/ equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| Precautionary Statement: Response | P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P370+P378 - In case of fire: Use to extinguish. |
| Precautionary Statement: Storage | P403+P235 - Store in a well-ventilated place. Keep cool. |
| Precautionary Statement: Disposal | P501 - Dispose of contents/container to |

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|---------------|--------------|----------|-----------|---------------------------|--------------|------------------------|-----------|
| Butane | 601-004-00-0 | 106-97-8 | 203-448-7 | | 40 - 50% | F+; R12 | |
| Ethanol | 603-002-00-5 | 64-17-5 | 200-578-6 | | 1 - 10% | F; R11 | |
| Acetone | 606-001-00-8 | 67-64-1 | 200-662-2 | | 1 - 10% | F; R11 Xi; R36 R66 R67 | |

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification | M-factor. |
|---------------|--------------|----------|-----------|---------------------------|--------------|--|-----------|
| Butane | 601-004-00-0 | 106-97-8 | 203-448-7 | | 40 - 50% | Flam. Gas 1: H220; | |
| Ethanol | 603-002-00-5 | 64-17-5 | 200-578-6 | | 1 - 10% | Flam. Liq. 2: H225; | |
| Acetone | 606-001-00-8 | 67-64-1 | 200-662-2 | | 1 - 10% | Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; | |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|--|
| Inhalation | Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist. Keep the affected person warm and at rest. If breathing stops, provide artificial respiration. If unconscious and breathing is OK, place in the recovery position. |
| Eye contact | Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention. |
| Skin contact | Wash off immediately with plenty of soap and water. Remove contaminated clothing. Do not wash with solvents or thinners. |
| Ingestion | If swallowed, seek medical advice immediately and show this container or label. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

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5.1. Extinguishing media

Carbon dioxide (CO₂). Alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Vapour may travel considerable distance to source of ignition and flash back.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Eliminate all sources of ignition. Do not breathe dust or vapour. Keep personnel away from spill. Ensure adequate ventilation of the working area.

6.2. Environmental precautions

Do not allow product to enter drains. Advise local authorities if large spills cannot be contained.

6.3. Methods and material for containment and cleaning up

Refer to disposal considerations in Section 13. Absorb with inert, absorbent material.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Wear suitable gloves. Do not spray on a naked flame or any incandescent material. Keep out of the reach of children. Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Keep away from sources of ignition - No smoking. Use only non-sparking tools. Flammable liquid. Keep in a cool, dry, well ventilated area.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

| | | |
|---------|--|--|
| Acetone | WEL 8-hr limit ppm: 500 | WEL 8-hr limit mg/m ³ : 1210 |
| | WEL 15 min limit ppm: 1500 | WEL 15 min limit mg/m ³ : 3620 |
| | WEL 8-hr limit mg/m ³ total - inhalable dust: | WEL 15 min limit mg/m ³ total - inhalable dust: |
| | WEL 8-hr limit mg/m ³ total - respirable dust: | WEL 15 min limit mg/m ³ total - respirable dust: |
| Butane | WEL 8-hr limit ppm: 600 | WEL 8-hr limit mg/m ³ : 1450 |
| | WEL 15 min limit ppm: 750 | WEL 15 min limit mg/m ³ : 1810 |
| | WEL 8-hr limit mg/m ³ total - inhalable dust: | WEL 15 min limit mg/m ³ total - inhalable dust: |
| | WEL 8-hr limit mg/m ³ total - respirable dust: | WEL 15 min limit mg/m ³ total - respirable dust: |
| Ethanol | WEL 8-hr limit ppm: 1000 | WEL 8-hr limit mg/m ³ : 1920 |
| | WEL 15 min limit ppm: - | WEL 15 min limit mg/m ³ : - |
| | WEL 8-hr limit mg/m ³ total - inhalable dust: | WEL 15 min limit mg/m ³ total - inhalable dust: |
| | WEL 8-hr limit mg/m ³ total - respirable dust: | WEL 15 min limit mg/m ³ total - respirable dust: |

8.2. Exposure controls

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8.2. Exposure controls

| | |
|---|---|
| |  |
| 8.2.1. Appropriate engineering controls | Keep away from foodstuffs, beverages and feed. Ensure adequate ventilation of the working area. |
| 8.2.2. Individual protection measures | Use appropriate personal protective equipment. |
| Eye / face protection | Wear suitable protective clothing and eye/face protection. |
| Skin protection - Handprotection | Wear suitable gloves. |
| Respiratory protection | An air-fed mask is recommended. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------|----------------------|
| Appearance | Aerosol |
| Colour | White |
| Odour | Aromatic |
| Flash point | = -47 |
| Relative density | = 0.6 |
| Vapour Flammability | Extremely Flammable |
| Solubility | = Insoluble in water |

SECTION 10: Stability and reactivity

10.2. Chemical stability

| | |
|--|---------------------------------|
| | Stable under normal conditions. |
|--|---------------------------------|

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------------|--|
| Respiratory or skin sensitisation | May cause sensitisation by inhalation. |
|-----------------------------------|--|

SECTION 12: Ecological information

Further information

| | |
|--|---|
| | Avoid release to the environment. Refer to special instructions/Safety data sheets. |
|--|---|

SECTION 13: Disposal considerations

General information

| | |
|--|--|
| | This material and its container must be disposed of in a safe way. Do not pierce or burn, even after use. Do not allow product to enter drains. Contact a licensed waste disposal company. |
|--|--|

Disposal methods

| | |
|--|--|
| | Dispose of in compliance with all. local and national regulations. |
|--|--|

Disposal of packaging

| | |
|--|---|
| | Empty containers can be sent for disposal or recycling. |
|--|---|

SECTION 14: Transport information

Hazard pictograms

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Hazard pictograms



14.1. UN number

UN1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

| | |
|-----------------|----------|
| ADR/RID | 2.1 |
| Subsidiary risk | see SP63 |
| IMDG | 2.1 |
| Subsidiary risk | see SP63 |
| IATA | 2.1 |
| Subsidiary risk | see SP63 |

14.4. Packing group

Packing group -

14.5. Environmental hazards

| | |
|-----------------------|----|
| Environmental hazards | No |
| Marine pollutant | No |

ADR/RID

Hazard ID -

IMDG

EmS Code F-D S-U

SECTION 15: Regulatory information

SECTION 16: Other information

Other information

| | |
|--|---|
| Revision | This document differs from the previous version in the following areas: 2 - Hazard pictograms. |
| Text of risk phrases in Section 3 | R11 - Highly flammable. R12 - Extremely flammable. R36 - Irritating to eyes. R66 - Repeated exposure may cause skin dryness or cracking. R67 - Vapours may cause drowsiness and dizziness. |
| Text of Hazard Statements in Section 3 | Flam. Gas 1: H220 - Extremely flammable gas. Flam. Liq. 2: H225 - Highly flammable liquid and vapour. EUH066 - Repeated exposure may cause skin dryness or cracking. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. |

General information

The information supplied in this safety data sheet is designed only as guidance for safe use, storage and handling of the product. This information relates only to the specific goods listed and may not be valid for such material used in combination with any other product(s). This information

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General information

| | |
|--|---|
| | is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. |
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