

SAFETY DATA SHEET

Date: April 2002. Page: 1 of 3

1. Identification of the substance/preparation and company

1.1 Product/trade name:

WHITE SPATTER SHIELD

Name, address and telephone number of supplier:

Sureweld International Ltd.
Fonthill, Lucan, County Dublin

Tel: (01) 6266242

Fax: (01) 6262533

2. Composition and information on ingredients

- 2.1 Chemical nature: Substance: Preparation X:
Definition: Water soluble Welding Torch shroud protector.
Mixture of Organic solvent and powdered organic solids.
Product is free from chlorinated compounds, nitrate, phenol and formaldehyde.
- 2.2 Dangerous Substances:
- | CAS No. | Substance | Percentage | Symbol | Risk Phrase |
|----------|------------------|------------|--------|--------------|
| 111-76-2 | Ethylene Glycol | >5% <12.5% | Xn | 20/21/22, 37 |
| | Mono-Butyl Ether | | | |

3. Hazards Identification

- 3.1 Category of Danger: Not Applicable
Classification: Not regarded as a health hazard under current legislation.
Environment: See Point 12

4. First Aid Measures

- 4.1 General Advice: Product will not normally come into contact with skin or eyes before or during normal use.
- 4.2 Skin Contact: Remove affected clothing and wash affected skin with soap & water. Obtain medical assistance if discomfort continues.
- 4.3 Eye Contact: Wash out immediately with plenty of cold water. Take care that if the patient is wearing contact lenses, these are removed first. Continue to rinse for up to 15 minutes. If necessary consult a doctor
- 4.4 Ingestion: Do not induce vomiting and consult doctor.
- 4.5 Inhalation: Move the patient to fresh air at once. Keep the patient warm and at rest. Obtain prompt medical attention.
- 4.5 Advice for doctors: Symptomatic treatment

5. Fire-Fighting Measures

- 5.1 Suitable Extinguishing Media: Water
- 5.2 Do not use for safety reasons: Dry Powder. Insufficient cooling
- 5.3 Special procedures: Containers close to fire should be removed or cooled with water. Use water to keep heat exposed containers cool and disperse vapours.

6. Accidental Release Measures

- 6.1 Personal Precautions: Wear suitable protective clothing, or see Item 4. Ventilate well.
- 6.2 Environmental Precautions: Prevent leakage into the sewers, surface ground water and soil by use of sand or other suitable inert material. If leakage occurs into the ground, contact your local authority.
- 6.3 Cleaning Methods: Absorb with universal binder and dispose according to local regulations.

7. Handling and Storage

- | | | |
|-----|---|--|
| 7.1 | Handling:
Advice for safe handling and technical precautionary measures: | Keep containers closed at all times. Ensure adequate ventilation. Observe storage conditions (7.4) |
| 7.2 | Storage:
Conditions of storage and packaging: | Isolate from other materials.
Keep packaging closed and away from frost.
Avoid influence of direct sun light and/or heat.
Store in a Cool, well ventilated area in closed containers. |
| 7.3 | Demands for storage: | Do not store together with strong oxidising substances, strong alkalis and strong mineral acids. |
| 7.4 | Further storage conditions: | Storage temperature 5°C to 40°C. AVOID FROST |

8. Exposure Controls and Personal Protection

- | | | | | | | | | | | | | | | |
|------------------|--|---|---------------|--------|--------------|---------------|-----------------|----------|------------|-----|------------------|--|--|--|
| 8.1 | Exposure Limits: | <table border="0"> <tr> <td>INGREDIENT</td> <td>CAS No</td> <td>LTEL (8 Hrs)</td> <td>STEL (15 Min)</td> </tr> <tr> <td>Ethylene Glycol</td> <td>111-76-2</td> <td>25ppm (Sk)</td> <td>N/A</td> </tr> <tr> <td>Mono-Butyl Ether</td> <td></td> <td></td> <td></td> </tr> </table> | INGREDIENT | CAS No | LTEL (8 Hrs) | STEL (15 Min) | Ethylene Glycol | 111-76-2 | 25ppm (Sk) | N/A | Mono-Butyl Ether | | | |
| INGREDIENT | CAS No | LTEL (8 Hrs) | STEL (15 Min) | | | | | | | | | | | |
| Ethylene Glycol | 111-76-2 | 25ppm (Sk) | N/A | | | | | | | | | | | |
| Mono-Butyl Ether | | | | | | | | | | | | | | |
| 8.2 | Personal Protection: | The product is designed for once daily application.
No specific hand protection required but gloves may still be advisable to reduce the possibility of splashing. | | | | | | | | | | | | |
| 8.3 | General protection and hygiene measures: | Avoid skin contact by use of gloves. (As normally worn during welding.) Before and after working breaks clean the affected skin thoroughly with water and soap. Promptly remove and change soaked clothes. Avoid inhalation of mist and smoke as much as is practical. Keep away from food and drinks.
Do not smoke, eat or drink whilst using this product. | | | | | | | | | | | | |
| 8.4 | Respiratory protection: | Do not use in a confined space without sufficient ventilation. | | | | | | | | | | | | |
| 8.5 | Hand protection: | See item 8.2 and observe general working hygiene | | | | | | | | | | | | |
| 8.6 | Eye protection: | When there is danger of spatter use safety glasses | | | | | | | | | | | | |
| 8.7 | Skin protection: | Avoid skin contact as much as is practicable. During normal use, skin contact is unlikely. | | | | | | | | | | | | |

9. Physical and Chemical Properties
--

- | | | |
|-----|---------------------------------------|---------------------------------|
| 9.1 | Appearance: | |
| | Physical form: | Liquid |
| | Colour: | White |
| | Odour: | Organic Solvent |
| 9.2 | Important relevant safety parameters: | |
| | | Value Unit |
| | Flamepoint | : 71 °C |
| | Flammability limit (lower) | : 1.1 % |
| | Flammability limit (upper) | : 10.6 % |
| | Solubility (20°C) | : Soluble in water |

10. Stability and Reactivity

- | | | |
|------|--------------------------|--|
| 10.1 | Conditions to avoid: | Under normal storage and working conditions the product is stable. Avoid frost. Do not use the product for any other purpose than for which it was designed. |
| 10.2 | Materials to avoid: | Avoid contact with strong oxidising substances, strong alkalis and Strong mineral acids. |
| 10.3 | Hazardous Decomposition: | None under normal working and storage conditions. |

11. Toxicological information

- | | | |
|------|---------------------------|---|
| 11.1 | Immediate toxicity: | None. |
| | Symptoms at animal tests: | Not done. |
| | Sensitisation (Skin): | May cause de-fatting of the skin, but is not an irritant.
Prolonged or repeated contact leads to drying of the skin. |
| | (Eyes): | Spray and vapour in the eyes may cause irritation and smarting. |
| 11.2 | Delayed chronic toxicity: | Solvent vapours are hazardous and may cause nausea, sickness and headaches. |

12. Ecological information

- | | | |
|------|----------------|---|
| 12.1 | Degradability: | No details on possible environmental effects have been found. |
|------|----------------|---|

13. Disposal Considerations

- | | | |
|------|-----------------|---|
| 13.1 | Product: | Tip Dip Coating. |
| | Recommendation: | Disposal by a licensed company |
| 13.2 | Packaging: | |
| | Recommendation: | Empty the containers completely and dispose of by a licensed Company. Do not burn empty containers. |

14. Transport Information

- | | | |
|------|---|---|
| 14.1 | Transportation by road ADR/RID and GGVS (international/national): | |
| 14.2 | Transport by ship ADNR: | |
| 14.3 | Transport by air ICAO – TI and IATA – DGR | |
| 14.4 | Transport further information: | No danger as according to earlier mentioned regulations |
| | Marine Pollutant: | No |

15. Regulatory information

- | | | |
|------|-----------------------|---|
| 15.1 | Distinguishing marks: | No distinguishing obligation. |
| 15.2 | National regulations: | Risk Phrases: Not Specified |
| | | Safety Phrases: Not Specified |
| | | Environmental Listing: Rivers (Prevention of Pollution) Act 1961
Control of Pollution (Special Waste Regulations) Act 1980 |
| | | EU Directives: System of specific information relating to Dangerous preparations 91/155 |
| | | Approved code of Practice: Classification and labelling of Substances and preparations
Dangerous for supply |
| | | Guidance notes: Occupational Exposure limits (EH40).
Introduction to local exhaust ventilation
HS(G)37.
CHIP for everyone. |

16. Further information

- | | |
|------|---|
| 16.2 | This information relates only to the specific material designated and relates to safety. It may not be valid for such materials used in combination with any other materials or in any other process. |
|------|---|