

# EEC SAFETY DATA SHEET DIRECTIVE 91/155/EEC

Revision 1 Date: April 2001 Page: 1 of 3

## 1. Identification of the substance/preparation and company

1.1 Product/trade name:

### **PRE-WELD ANTI-SPATTER WELDING FLUID**

Name, address and telephone number of manufacturer

Manufacturer: Stevens Industrial Services  
Unit 4, Littleburn Industrial Estate  
Langley Moor  
Durham DH7 8JE, England  
Tel: (0191) 378 1786  
Fax: (0191) 378 2190

1.3 Emergency Telephone Number:  
0191 378 1786

## 2. Composition and information on ingredients

2.1 Chemical nature: Substance: Preparation X:  
Definition: Water soluble anti spatter fluid. Mixture of vegetable oils, fats and emulsifiers.  
Product is free of chlorine, nitrite, phenol, formaldehyde and di-ethanolamine.

## 3. Hazards Identification

3.1 Category of Danger: Not Applicable  
Classification: None  
Environment: See Point 12

## 4. First Aid Measures

4.1 General Advice: No special first aid measures necessary.  
4.2 Skin Contact: Remove affected clothing and wash affected skin with soap & water.  
4.3 Eye Contact: Wash out with water.  
4.4 Ingestion: Do not induce vomiting and consult doctor.  
If rapid recovery does not occur, obtain medical attention.

## 5. Fire-Fighting Measures

5.1 Suitable Extinguishing Media: CO<sub>2</sub>, Water  
5.2 Do not use for safety reasons: None  
5.3 Exposure hazards arising from the substance or preparation itself, combustion products, resulting gases: None  
5.4 Special protective equipment for fire fighters: None

## 6. Accidental Release Measures

6.1 Personal Precautions: None, or see Item 4  
6.2 Environmental Precautions: Prevent leakage into the sewers, surface ground water and soil by use of sand or other suitable inert material.  
6.3 Cleaning Methods: Absorb with universal binder.

**7. Handling and Storage**

- 7.1 Handling:  
 Advice for safe handling and technical precautionary measures:  
 Prevent forming of mist and smoke. If mist or smoke occurs see that there is sufficient ventilation, cap cover and/or suction apparatus.  
 No special fire and explosion protection is necessary.  
 Storage:  
 Conditions of storage and packaging:  
 Keep packaging closed and away from frost. Avoid influence of direct sun light and/or heat.  
 Demands for storage: Do not store together with strong oxidising products.  
 Further storage conditions: Storage temperature 0 – 40°C  
 Conditions according to local authorities.  
 Storage classification: None

**8. Exposure Controls and Personal Protection**

- 8.1 Extra Technical Advice For Machines: See item 7.1  
 8.2 Exposure Limits: None  
 8.3 Personal Protection:  
 General protection and hygiene measures:  
 Keep away from food and drinks.  
 Respiratory protection: See item 7.1  
 Hand protection: See item 8.3, general working hygiene  
 Eye protection: Not necessary  
 Skin protection: Not necessary

**9. Physical and Chemical Properties**

- 9.1 Appearance:  
 Physical form: Liquid  
 Appearance: Red  
 Odour: Neutral
- 9.2 Important relevant safety parameters:
- |                          | Value          | Unit              | Test method<br>(67/548/EEC) |
|--------------------------|----------------|-------------------|-----------------------------|
| Coagulation point        | :              | °C                | DIN ISO 3016                |
| Flamepoint               | :              | °C                | DIN ISO 2592                |
| Explosion limits (lower) | : ---          | Vol -%            |                             |
| Explosion Limits (upper) | : ---          | Vol -%            |                             |
| Vapour pressure          | :              | mbar              |                             |
| Relative density (20°C)  | :              | g/cm <sup>3</sup> | DIN 51 757                  |
| Solubility (20°C)        | : Emulsion     |                   |                             |
| pH value (20°C), 5%      | : ---          |                   |                             |
| Viscosity (40°C)         | : 15°E, 125cSt |                   | DIN 51 562                  |

**10. Stability and Reactivity**

- 10.1 Conditions to avoid: Under normal storage and working conditions the product is stable.  
 10.3 Hazardous Decomposition: If normal working and storage conditions apply then no hazardous decomposition product will occur.

**11. Toxicological information**

- 11.1 Immediate toxicity:  
Value LD/LC 50: 30,000 mg/kg oral (rats)  
Specific symptoms at animal tests: not done  
Primary irritant working: none  
Sensitisation: No data known that the product, or its substances, have a sensitiser.
- 11.2 Delayed chronic toxicity:  
No data known that the product or its substances have a bad or chronic influence on health.  
Carcinogenicity effects:  
No data known that the product, or its substances, have shown carcinogenicity effects.  
Mutagenicity and reproductive toxicity incl. teratogenicity and narcosis:  
No data known that the product, or its substances, have a changing influence on the hereditary properties, have a bad influence on reproduction or show a narcotic working effect.  
Further data:  
The toxicological information is based on the toxicological data of identical products and their substances.

**12. Ecological information**

- 12.1 Degradability:  
This product is fully biologically degradable
- 12.2 Mobility:  
This product is a liquid and emulsifies with water.
- 12.3 Eco-toxical effects:  
No information known
- 12.3 Further harmful ecological information: ----

**13. Disposal Considerations**

- 13.1 Product:  
Recommendation: Disposal according to local authorities and to be discussed with the collecting company.  
Waste Name: Used working emulsion. Halogen free.  
Waste No: 120109
- 13.2 Packaging:  
Recommendation: Empty the containers completely and dispose of it by a licensed company.

**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

**15. Regulatory information**

- 15.1 Distinguishing marks according to EEC regulations:  
No distinguishing obligation.
- 15.2 National regulations:
- 15.3

**16. Further information**

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.