

EEC SAFETY DATA SHEET DIRECTIVE 91/155/EEC

March 2017

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1. Identification of the substance/preparation and company

- 1.1 Product/trade name:
PRE-WELD ANTI-SPATTER LIQUID, READY TO USE
- 1.2 Name, address and telephone number of manufacturer.
Manufacturer: Liquid Engineering NZ
66 Beatty Street
Stoke, Nelson
New Zealand
Tel: 0064 (03) 547 8409
Fax: 0064 (03) 546 8407
- 1.3 Emergency Telephone Number: Tel: 0064 (03) 547 8409

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: CO₂, 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:
 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: Pink, transparent changing to opaque over time
 Odour: Neutral

9.2 Important relevant safety parameters:

	Value	Unit	Test method (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 ³	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.