



# SAFETY DATA SHEET

This Safety Data Sheet complies with Regulation (EC) No 1907/2006 and ISO 11014-1

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SDS number: 1654/01

Date: Oct. 22, 2008

Product: HiTech Aerosol

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: HiTech Antispatter Aerosol  
Application: Prevents welding spatter from sticking  
Supplier: ESAB AB, Box 8004, 402 77 Göteborg, Sweden. sds.esab@esab.se  
Telephone no.: +46 31 509000  
Web site: www.esab.com

## 2. HAZARDS IDENTIFICATION

None

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Water soluble surface preparation fluid (Aerosol). Mixture of vegetable oils, fats and emulsifiers. The product contains no ingredients with a hazard classification according to EC Directive 67/548/EEC.

## 4. FIRST AID MEASURES

Inhalation: Move away from source of exposure and into fresh air.  
Eye contact: Wash out with plenty of water.  
Skin contact: Remove affected clothing and wash affected skin with soap & water.  
Ingestion: Do not induce vomiting. If rapid recovery does not occur, obtain medical attention.

General Advice: No special first aid measures necessary.

## 5. FIRE FIGHTING MEASURES

Use the extinguishing media recommended for the burning materials and fire situation e.g water, foam, powder etc. Wear self-contained breathing apparatus as fumes or vapors may be harmful. Aerosol cans may explode in fires.

## 6. ACCIDENTAL RELEASE MEASURES

Prevent leakage into the sewers, surface ground water and soil by use of sand or other suitable inert materials.

Cleaning Methods: Absorb with universal binder.

Personal precautions: refer to section 8

Environmental precautions: refer to section 13

## 7. HANDLING AND STORAGE

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. Keep away from food and drinks. No special fire and explosion protection is necessary under conditions of normal use.

Storage:

Conditions of storage and packaging: Keep packaging closed and away from frost. Avoid influence of direct sun light and/or heat. Do not expose container to extremes of temperature as detailed below. Do not expose container to naked flame even when empty.

Demands for storage: Do not store together with strong oxidising products.

Further storage conditions: Storage temperature 5 – 40°C. Conditions according to local authorities.

Storage classification: None - container and contents are non-flammable and non-toxic.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures:

Keep working place and protective clothing clean and dry. Check condition of protective clothing and equipment on a regular basis. Exposure Limits: None

Personal protection:

General protection and hygiene measures: Keep protective clothing clean and dry. Keep away from food and drinks.

Eye protection: Wear safety equipment to avoid eye injury by accidental release as with any pressure spray.

Skin protection: Not necessary

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Liquid  
Odour: Neutral  
pH: 8  
Rel. density: 1.01-1.05  
Solubility (20°C): Soluble  
Viscosity (40°C): 15°E, 125cSt

## 10. STABILITY AND REACTIVITY

Conditions to avoid: Under normal storage and working conditions the product is stable.

Hazardous: If normal working and storage conditions apply then no hazardous

Decomposition: decomposition product will occur.

## 11. TOXICOLOGICAL INFORMATION

Primary irritant working: None

Sensitisation: No data known that the product, or its substances, have a sensitiser.

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.



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## Further data:

The toxicological information is based on the toxicological data of identical products and their substances.

Acute toxicity: Value LD 50: 30 000 mg/kg oral (rats)  
Specific symptoms at animal tests: not done

Chronic toxicity: No data known that the product or its substances have a bad or chronic influence on health.

## 12. ECOLOGICAL INFORMATION

### Degradability:

This product is fully biologically degradable

### Mobility:

This product is a liquid and emulsifies with water.

### Eco-toxical effects:

No information known

Further harmful ecological information: ----

## 13. DISPOSAL CONSIDERATIONS

### Product:

Recommendation: Disposal according to local authorities and to be discussed with the collecting company.

### Packaging:

Recommendation: Empty the containers completely and dispose of it by a licensed company.

## 14. TRANSPORT INFORMATION

ADR/RID / IMDG / IATA : Class 2 UN 1950 AEROSOLS

### Transport further information:

This product is not classified as dangerous for carriage.

## 15. REGULATORY INFORMATION

Read and understand the manufacturer's instructions, your employer's safety practices and the health and safety instructions on the label. Observe any federal and local regulations. Take the usual precautions in handling chemicals and protect yourself and others.

This product is not classified as hazardous.

## 16. OTHER INFORMATION

Refer to ESAB "Welding and Cutting - Risks and Measures", F52-529 "Precautions and Safe Practices for Electric Welding and Cutting" and F2035 "Precautions and Safe Practices for Gas Welding, Cutting and Heating" available from ESAB, and to:

UK: WMA Publication 236 and 237, "Hazards from Welding fume", "The arc welder at work, some general aspects of health and safety".

Germany: Unfallverhütungsvorschrift BGV D1, "Schweißen, Schneiden und verwandte Verfahren".

This Safety Data Sheet has been revised due to modifications to several paragraphs and/or new format. This SDS supersedes X112/03.

ESAB request the users of this product to study this Safety Data Sheet (SDS) and become aware of product hazards and safety information. To promote safe use of this product a user should:

- notify its employees, agents and contractors of the information on this SDS and any product hazards/safety information.
- furnish this same information to each of its customers for the product.
- request such customers to notify employees and customers for the same product hazards and safety information.

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