

17.11.2003
200928 E

EU-Safety Data Sheet

according EU-guideline 91/155/EWG

1. Identification of the chemical and of the manufacturer, importer or other undertaking

Commercial Product Name: **Soldering grease**
DIN EN 29454, part 1, 3.1.1.C

Manufacturer/supplier: FELDER GMBH
Im Lipperfeld 11
D - 46047 Oberhausen

Telephone: 0208 / 8 50 35-0

Telefax: 0208 / 2 60 80

Internet: <http://www.felder.de>
email: info@felder.de

Department in charge: Laboratory
Emergency Line: 0208 / 8 50 35-0
(Monday – Thursday 8.00 – 16.00 hours, Friday 8.00 – 13.00 hours)

24-hours emergency line: Poison emergency line Berlin – 030/ 1 92 40

Date of revision: 8th January 2004

2. Composition and information on ingredients

Chemical characterization With zinc chloride and ammonium chloride activated emulsion of mineral greases and water.

<u>Hazardous ingredients</u>	<u>Classification</u>	<u>Weight %</u>	<u>CAS-number:</u>
zinc chloride	C-corrosive N-environmentally hazardous	< 5,0	7646-85-7
ammonium chloride	Xn-health harming	< 1,0	12125-02-9

3. Hazards Identification

Irritates eyes and skin.

Poisonous for water organism. May have damaging effects in waters on a long-term basis.

4. First aid measures

Special instruction :

Splashes in eyes : Rinse with plenty of water by disclosed eyelid at least for 10 minutes. Seek medical attention immediately.

Skin : Rinse with plenty of water. Remove contaminated clothes immediately.

Inhalation : Fresh air. Consult doctor.

Ingestion : Drink plenty of water. Avoid to vomit (perforation risk). Seek medical attention immediately.

5. Fire-Fighting measures

Suitable extinguishing media Carbon dioxide, foam, extinguishing powder.

Extinguishing media which must not be used for safety reasons water

Special exposure hazards in a fire During a fire hazardous vapours are likely to occur. (Chlorine, HCL, CO and carbon monoxide)

Special protection equipment Independent breathing protective apparatus.

6. Accidental release measures

Personal precautions	Avoid skin contact.
Environmental precautions	Do not lead into canalization.
Methods for cleaning up	Pick-up mechanically with an appropriate binding agent. Supply to disposal.
Other instructions	

7. Handling and storage

Handling

Advices for secure handling	Please observe advices on the label. Ventilate rooms well.
Advices for fire-fighting and explosion	There are no special restrictions.

Storage

Requirements for store rooms and containers	Keep containers closed tightly, keep dry, store in good ventilated rooms.
--	--

Further information

8. Exposure controls/Personal protection

additional advices for technical units	Exhaustion device.
--	--------------------

Personal protection equipment

Respiratory protection	./.
Hand protection	protective gloves
Eye protection	safety goggles
Corpus protection	./.
Further information	

EU-Safety Data Sheet

Soldering grease DIN EN 29454, part 1, 3.1.1.C

9. Physical and chemical properties

State	pasty
Colour	light yellow
Odour	odourless
Melting point/Melting range metal	ca. 55 °C
Boiling point/Melting range flux	n.b. °C
Flash point	> 150 °C
Spontaneous ignition	n.b.
Explosion hazard:	
Lower explosion limit (UEG)	n.a.
Upper explosion limit (OEG)	n.a.
Vapour pressure at 20°C	< 0,01 mbar
Density at 20°C	ca. 1 g/cm ³
Water solubility at 20 °C	g/l
pH-value aqueous extraction 20 %	6,1
Viscosity	7,0 – 9,0 mm ² /S DIN 51562

Further information**10. Stability and reactivity**

Conditions to avoid	Long periods of storage at temperatures of above 25°C (quality impairment).
Materials to avoid	Avoid contact with strong oxidizers.
Hazardous decomposition products	On incomplete combustion: Formation of smoke and carbon monoxide.
Thermal decomposition	> 300 °C

11. Toxicological informationToxicological data

Résumé:

Information on irritancy

Résumé:

Irritates eyes and mucous membrane.

Skin

Ingestion

After ingestion of large quantities (zinc chloride) symptoms: drop of blood-pressure, circulatory problems.

Air transport ICAO-IATA and IATA-DGR

IACO/IATA-class : UN-/ID-number : Packaging group:
Correct technical name :

15. Regulatory information

Characterization according to the EU-regulations

Code letter and warning symbol of the products : The product is not compulsory to mark.

R-phrases

S-phrases

Recommendation for the DIY-field:

S ½ Keep under lock and out of reach of children.
S 46 If ingested seek medical attention immediately and show packing or label.

National regulations

Classification according VbF : n.a.

Water endangering class : 1

16. Other information

none

The data and information given in this EU-Safety data sheet is based on the present state of our knowledge and experience. We disclaim any liability relating to the use of the material since this is beyond our control.

Legend:

n.a. = not applicable

n.b. = not definite