

# Material Safety Data Sheet (91/155/EEC)

Date: 27.03.2008  
Last Revised:09.01.2007  
Our ref: 0143.3/H(DR)

Page: 1/3

## 1. Product and company information

Commercial product name: **SX Superglue Debonder**

Supplier: Siroflex Ltd, Dodworth Business Park, Dodworth Barnsley S75 3SP

Telephone: 01226 771600, facsimile: 01226 771601

E-mail: [technical@siroflex.co.uk](mailto:technical@siroflex.co.uk)

## 2. Hazard identification

Main hazards: Harmful if swallowed. Irritating to eyes.

## 3. Composition/information on ingredients

<u>Hazardous Ingredients:</u>	<u>Weight</u>	<u>EINECS</u>	<u>CAS</u>	<u>Symbols</u>
Gamma Butyrolactone	>90%	202-509-2	96-48-0	[Xn] R22; [Xi] R36

## 4. First aid measures (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.  
Eye contact: There may be irritation and redness.  
Ingestion: There maybe soreness and redness of the mouth and throat. There maybe difficulty swallowing. Nausea and stomach pain may occur. There maybe vomiting.  
Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

## 4. First aid measures (ACTION)

Skin contact: Wash immediately with soap and water.  
Eye contact: Bathe the eye with running water for 15 minutes.  
Ingestion: Wash mouth out with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.  
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

## 5. Fire fighting measures

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.  
Exposure hazards: In combustion emits toxic fumes.  
Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## 6. Accidental release measures

Personal precautions: Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.  
Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.  
Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 7. Handling and storage

Handling requirements: Avoid the formation of mists in the air. Avoid direct contact with the substance.  
Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.  
Suitable packaging: Must only be kept in original packaging.

# Material Safety Data Sheet (91/155/EEC)

Product name: **SX Superglue Debonder**

(Ref: 0143.3/H)

Page: 2/3

## 8. Exposure controls and personal protection

<u>Engineering measures:</u>	Ensure there is sufficient ventilation of the area.
<u>Respiratory protection:</u>	Respiratory protection not required.
<u>Hand protection:</u>	Protective gloves.
<u>Eye protection:</u>	Safety glasses. Ensure eye bath is to hand.
<u>Skin protection:</u>	Protective clothing.

## 9. Physical and chemical properties

<u>State:</u>	Liquid
<u>Colour:</u>	Colourless
<u>Odour:</u>	Barely perceptible odour
<u>Evaporation rate:</u>	Negligible
<u>Oxidising:</u>	Non-oxidising (by EC criteria)
<u>Solubility in water:</u>	Miscible in all proportions
<u>Also soluble in:</u>	Most organic solvents
<u>Viscosity:</u>	Oily
<u>Boiling point/range °C:</u>	202
<u>Melting point/range °C:</u>	-43
<u>Flammability limits %: lower:</u>	N/R
<u>Flash point °C:</u>	98
<u>Autoflammability °C:</u>	455
<u>Relative density:</u>	1.13

## 10. Stability and reactivity

<u>Stability:</u>	Stable under normal conditions.
<u>Conditions to avoid:</u>	Heat.
<u>Materials to avoid:</u>	Strong oxidising agents. Strong acids.
<u>Hazardous decomposition products:</u>	In combustion emits toxic fumes.

## 11. Toxicological information

<u>Chronic toxicity:</u>	Danger of serious damage to health by prolonged exposure in contact with skin. HARMFUL TO EYES/EYELIDS. CAUSES WATERING CONJUNCTIVITS AND SEVERE IRRITATION POSSIBLY LEADING TO LOSS OF SIGHT.
<u>Routes of exposure:</u>	Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## 12. Ecological information

<u>Mobility:</u>	Readily absorbed into soil.
<u>Persistence and degradability:</u>	Biodegradable.
<u>Bioaccumulative potential:</u>	No bioaccumulation potential.
<u>Other adverse effects:</u>	Negligible ecotoxicity.

## 13. Disposal considerations

<u>Disposal of packaging:</u>	Burn in a chemical incinerator equipped with afterburners and scrubbers. Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.
<u>NB:</u>	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. Transport information

<u>ADR/RID:</u>	UN no: NOT REGULATED
<u>IMDG/IMO:</u>	UN no: NOT REGULATED
<u>IATA/ICAO:</u>	UN no: NOT REGULATED

# Material Safety Data Sheet (91/155/EEC)

Product name: **SX Superglue Debonder**

(Ref: 0143.3/H)

Page: 3/3

## 15. Regulatory information

Hazard symbols:

Harmful



Risk phrases:

R22: Harmful if swallowed.

R36: Irritating to eyes.

S24/25: Avoid contact with skin and eyes.

S37/39: Wear suitable gloves and eye/ face protection.

S46: If swallowed, seek medical advice immediately and show this container or label

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Safety phrases:

Haz. Ingredients (label):

GAMMA BUTYROLACTONE.

Note:

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## 16. Other information

Other information:

The solvents can have a defatting action on the skin making it susceptible to sensitisation/dermatic effect especially in sensitive individuals.

THIS DATA SHEET IS ISSUED IN ACCORDANCE WITH THE EUROPEAN (CHIP 3.1) DIRECTIVE 2004/73/CE (29 ATP) WHICH IS EFFECTIVE FROM 31<sup>st</sup> OCTOBER 2005.

Risk phrases used in s.2:

R22: Harmful if swallowed.

R36: Irritating to eyes.

This data is offered in good faith as typical values and not as a product specification. No warranty either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, each user should review the recommendations in the specific context of the intended use and determine whether they are appropriate.