

EC Safety Data Sheet according to Directive 1907/2006

Trade name: **Contact-Soldering-Paste**

Date of issue: 25.03.2003

Revised on: 26.01.2010

Date of print: 26.01.2011

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1. Name of product, characterization and company name

Information on the product

Trade name: Contact-Soldering-Paste
Usage of the product / preparation: Soldering paste

Identification of the manufacturer / supplier

Address: Stannol GmbH
Oskarstr. 3 -7
42283 Wuppertal
Phone: 0202 585 0
Fax: 0202 585 155
Emergency call: 0202 585 119 (only during trading hour (8:00 h – 17:00 h))
E-mail: werner.kruppa@stannol.de

2. Possible hazards:

Not a composition for the purposes of the Dangerous Substances Regulations, but nevertheless observe items 4-16

3. Composition/Information on the components

Chemical characterization: Activated resin mixture with petrolatum

Composition according to EC 1907/2006:

Contents	CAS No.	EINECS No.	Symbols	R-phrases:	Substance
1-2%	506-59-2	208-046-5	Xn	22	Dimethylammoniumchloride
8-12%	n.b.	n.b.			polymerized resin
Remainder	92045-77-7	295-459-9			Petrolatum

The wording of the R-phrases stated is indicated in Section 16

4. First Aid measures

General information:

If casualty is unconscious but breathing, place in the recovery position. If breathing has stopped apply artificial resuscitation or give oxygen by mask

After inhalation:

Remove patient to fresh air. If irritation persists, obtain medical attention.

After skin contact:

If any skin irritation develops seek medical attention

After eye contact:

Flush **immediately** with plenty of water. In cases where spitting flux has entered the eye seek medical attention.

After ingestion:

Rinse mouth immediately and drink plenty of water. Seek medical advice.

Hints for doctors.

Inhalation of the flux fumes given off at soldering temperatures will irritate the nose, throat and respiratory system. Repeated or prolonged exposure to flux fumes may cause shortness of breath and cough..

Physician's information

Treatment:

Decontamination, treatment of symptoms.

5. Fire fighting measures

Suitable extinguishing media:

Use extinguishing media appropriate to surrounding fire conditions

Special protective equipment for fire fighting

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Additional advice:

Do not discharge fire extinguishing water into surface water, groundwater and the soil.

6. Accidental release measures

Personal precautions:

Wear breathing apparatus if exposed to vapours/dust/aerosols (solder fume).

Environmental precautions:

Do not allow to enter drains/surface water/groundwater.

Methods for cleaning up:

Take up spilled product with neutralizing, liquid-binding material (universal binding agent) and dispose.

7. Handling and storage

Fire and explosion protection:

No special measures required.

Requirements for storage

Store only in original container.

rooms and containers:

Ensure adequate ventilation of the storage area.

Hints on storage assembly:

Observe hints according to storage class concept VCI (class 11)

Further information on

For reasons of quality store in a cool, dark place.

storage conditions:

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8. Exposure controls and personal protection

Additional information on system design:

Provide sufficient ventilation. Install a local or a room ventilation, if required.

Substances with limit values to be monitored at the working place:

Danger to health at the working place:

Peak limit category:

Working place limit values according to TRGS 900 from Section 2 for Germany:

Product name	CAS No.	ml/m ³ (ppm)	mg/m ³	Type
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Skin resorption / Sensitization: Skin resorption ----

Sensitization: ----

General protection and hygiene measures

Avoid direct contact with eyes, the skin and clothing.

Personal protection

Respiratory protection:

If concentrations are over the exposure limit, use a supplied air respirator.

Hand protection:

Avoid skin contact.

A safety glove according to DIN EN 420 of the following material should be used as hand protection:

Material of the safety glove:	nitrile rubber
Thickness of the glove material:	0.40 mm
Breakthrough time:	>480 min.

Throw-away glove:

Material of the safety glove:	nitrile rubber
Thickness of the glove material:	0.11 mm
Breakthrough time:	10 min.

The safety glove provides protection which is limited in time (dependent on the activity). Avoid longer contact times and remove the substance from the glove by wiping or rinsing off.

The individual safety gloves must comply with the specifications of the EC Directive 89/686/EEC and the standard EN374. We recommend to use Camatril 730 from KCL or Dermatril 740 (throw-away glove). The breakthrough times stated above were determined with material samples of the recommended hand protection types during laboratory measurements of the company KCL according to EN374.

Please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell or www.kcl.de), if the product is diluted in or mixed with other substances or if the conditions differ from the EN374.

Eye protection:

Operators should wear goggles

Personal protection:

Light protective clothing

9. Physical and chemical properties

Appearance and Odour: Brown paste
Low odour at ambient temperatures

Drop Point About 50°C

Flashpoint (cc): >200 °C

Density: at 20 °C 1,0 g/ml

10. Stability and reactivity

Reaction with substances: Possible with oxidising agents.

11. Toxicological information

Irritation effect by inhalation of (soldering) fume

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12. Ecological information

Aquatic toxicity: n.k.
Persistency and degradability: n.k.
Bioaccumulative potential n.k.
Ecotoxicity: n.k.
Water hazard class: 1 (self-classification according to VwVwS) low-water-endangering
Additional advice: Do not allow to enter drains/surface water/groundwater or soil

13. Disposal considerations

Disposal information
Product: Contact a licensed professional waste disposal service to dispose of this material.
Further information: Observe all federal, state and local environmental regulations.

14. Transport information

GGVSEB/ADR/RID: The product is not classified as hazardous for transport

15. Legal regulations:

Labelling information: **The product is classified and labelled according to the EC Directives.**
Not subject to current legislation
Water hazard class: WGK 1 (weakly water-endangering)
Classification according to the TA Organic materials class III; whole-carbon-concentration: Max. acceptable Emission50 mg/m³
Luft: (mass-flow-rate >= 0,5 kg/h)
Ingredients: Dimethylammoniumchloride; resin and petrolatum

16. Further information

Wording of the R-phrases in Section 2 and 3:
R22 Harmful if swallowed.

n.k. not known

n.a. not applicable

Other information

This statement is based on our current knowledge and offers no assurance of product properties.

Department issuing the data sheet

Stannol GmbH/Quality Assurance/Laboratory

Contact person

Dr. Kruppa