

MATERIAL SAFETY DATA SHEET

1. Identification of the substance / preparation and of the company Product: 11-690

Supplier: Prokit's Industries Co., Ltd.

Type: Solder Paste

Our soldering paste is composed of metal powder activated flux and blending agents. The area and thickness to be soldered can be easily controlled. No spot appears in non-soldered area. The paste has a good diffusion and non-corrosion.

Hotmelt. For technical information see Technical Datasheet.

2. Composition / information on ingredients:

Hazardous Ingredient Name	WT%	C.A.S. Number	Organic Standard
Petrolatum	75	8009-03-8	Not Applicable
Zinc Chloride	15	7646-85-7	Not Applicable
Water	10	7732-18-5	Not Applicable

3. Hazards identification:

Gases formed at high temperatures may irritate the eyes and the respiratory tract.

As a liquid, the material may cause serious burns.

4. First aid measures:

General:

In all cases of doubt, seek medical attention.

Inhalation:

In case of exposure to gases formed at high temperatures remove affected person from area Fresh air and rest. Seek medical advice if inconvenience persists.

Eye contact:

Remove contact lenses. After separating the eyelids flush with copious amounts of water, at least 10 min. Seek medical advice.

Skin contact (Burns):

Rinse with cold water until the pain stops. If medical advice is necessary, rinse until doctor takes over treatment.

Ingestion:

Do not induce vomiting. If vomiting occurs, hold head low so stomach contents do not enter the lungs. Seek immediate medical advice.

5. Fire fighting measures:

Extinguishing media: Foam, CO₂, dry chemical, water spray

Fire will produce dense black smoke containing products of combustion.

Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required.

Hazardous Combustion Products: carbon dioxide, carbon monoxide

6. Accidental release measures:

See protective measures listed in section 8.

In case of spills allow to cool and sweep up. Hold waste for disposal according to local regulations {see section 13}.

7. Handling and storage:

Handling:

Avoid skin and eye contact with melted product. Avoid inhalation of warm gases. For personal protection see section 8.

Storage:

Store product in tightly closed container in a dry place. Keep out of the reach of children.

8. Exposure controls / personal protection:

Technical facility design: provide adequate ventilation. Preferably use an extractor hood over the melted used for the product.

Personal protection:

Respiratory protective equipment:

Avoid breathing warm gases.

Hand protection:

Use protective gloves when handling the melted product.

Eye protection:

Use if necessary suitable eye protection when near the melted product.

Skin protection:

Use suitable work clothes when near the melted product.

9. Physical and chemical properties:

Physical state:	-10 degrees C: solid 90 degrees C: Liquid
Colour:	Light yellow
Flash point:	>51 degrees C
Viscosity:	-
PH:	-
Density g/ml:	-
Water solubility:	Insoluble
Weight% organic solvents:	0
Products, Flammable liquid of class:	None

10. Stability and reactivity:

If exposed to high temperatures {>200 degrees C}, hazardous decomposition products may be produced.

11. Toxicological information:

Properties injurious to health:

Gases formed at high temperatures may irritate the eyes and the respiratory tract.

12. Ecological information:

Do not release product into the environment or the drains.

13. Disposal consideration:

The product should be disposed on in accordance with national or local regulations.

14. Transport information:

The product is not classified as dangerous for carriage.

15. Regulatory information:

This product has been classified in accordance with Danish and EC Directives on Hazardous Materials.

Hazard symbol: The product is not classified as dangerous. No classification and labeling.

Application restrictions:

16. Other information:

The information contained in this safety data sheet is based on the present state of knowledge and current EC and Danish legislation.

As the specific conditions of use of the product are outside the suppliers control, the user is responsible for ensuring that requirements of relevant legislation are complied with.

The information in this safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical particular or suitable for particular applications.

In case of medical attention, bring this safety data sheet.