

Safety Material Data Sheet according to 91/155/EN

Bokar International

Feb 18/2007

Trade Name: **Rework Paste Flux XRF**

1. Product and Company Description

- 1.1 Trade Name of Product: Paste Flux XRF
- 1.2 Supplier:
 - Bokar International
 - 10 Enterprise Drive
 - Carbondale, PA 18407, USA
 - Tel: (570) 842-2812
 - Fax: (570) 842-4290

2. Composition/Data of components

Resin flux contents thixotropic agents and carbonic acide activators.

2.1 Singular composition

Synth. Resin	CASSO5O-09-7	40 – 65	%/Gew.
Polyalcohol	CAS25322-68-3	35 – 45	%/Gew.
Surfactant		1,0 – 2	%/Gew.
Thixotropic agsents		0,5 – 4	%/Gew.

3. Possible dangers

- R 36/38 Irritating skin and eyes
- R 42/43 Sensitisation through inhalation and contact with skin

4. First Aid

- 4.1 General Notice: Polluted or wetted clothes should be taken off immediately
- 4.2 After inhalation: bring to fresh air and eventually bring to medical care
- 4.3 After contact with skin wash away with warm water and soap immediately, if irritation stays consult a doctor
- 4.4 After contact with eyes: wash out with much water for at least 15 min, consult a doctor
- 4.5 If swallowed: At diseases like e.g. nausea flush mouth with lots of water. Drink a lot of water (Thinning). Consult a doctor.

5. Measures of fire-fighting

- 5.1 Adequate extinguishing material : foam, powder, CO2
Inadequate extinguishing material: Water
- 5.2 Special safety equipment
In case of fire wear an respiration protection and chemical safety suit.

6. Measures at leaking out

- 6.1 Environmental measures
Avoid getting into water or drinking water
- 6.2 Procedures for cleaning
Keep off ignition sources. Defect jars have to be taken away immediately and made tight.
Sought in with liquid soaking material (e.g. sand). Mechanical collection with a proper machine and in adequate container.

7. Handling and storage

- 7.1 Close the container after use. Protect from heat open fire and sunlight.
- 7.2 Take care of a sufficient suction/deaeration at the working place or the working machines.
- 7.3 Special fire or explosion safety: No special measures necessary.
- 7.4 Storage: Keep the container closed tightly in a cool, dry and well ventilated.
- 7.5 No storage together with food.

8. Exposition and personal safety equipment

- 8.1 Of principle a sufficient ventilation is foreseen at all works
- 8.2 Inhalation protection: Not necessary if sufficient ventilation is installed
- 8.3 Hand protection: Gloves (Rubber, Latex)
- 8.4 Eye protection: Safety glasses
- 8.5 Body protection: n.a.

9. Physical and chemical properties

- 9.1 Form: thixotropic paste
- 9.2 Colour: white or yellow-orange
- 9.3 Odour: weak
- 9.4 Melting point, area: n.a.
- 9.5 Boiling point: only under high vacuum
- 9.6 Flaming point: >250°C according to DIN 51758
- 9.7 Ignition temperature: >400°C
- 9.8 Decomposition temperature: >300°C
- 9.9 Explosion danger: n.a.
- 9.10 Steam pressure at 20°C: <0.1 hPa
- 9.11 Density at 20°C: 1.05g/cm³ according to DIN 51 7 57
- 9.12 Solubility in water: n.a.
- 9.13 Viscosity: ca. 140 c.Pa.s

10. Stability and reactivity

Stable under normal conditions

11. Data of toxicology

- 11.1 Primary irritant action
Irritates eyes, skin and mucous membrane
- 11.2 Additional Notice
At use under normal condition and under compliance of general hygienic rules no harm is caused by the product.

12. Data of Ecology

- 12.1 Environmental danger : Classification through ecological department: Group III. „Material with low danger potential known at this time“
- 12.2 Slowly at minimum 90% biodegradable

13. Notice for disposal

- 13.1 Has to be brought to an authorised special waste combustion facility under compliance of special waste regulations according to local department regulations. EAK-Waste key number/Waste name:14 06 03: Adhesives and rosins
- 13.2 Uncleaned packages Can be burned under compliance of local department regulations. Cleaned packaging material have be conveyed to the local useful material circles.

13.3 Recommended cleaning medias Acetone, Ethanol or 2-propanol (IPA)

13.4 Additional Notice

Notice for Switzerland: Swiss poison class: 3 BAGT-Nr.: 615 063

14. Transport regulatory rules:

ADR/RID, GGVS, GGVE, ADNR, IMIG, GGV/sea und ICAO/IATA No danger according to above regulations. Technical name: Flux

15. Marking according to EU measures

R-sentences R 36/38 Irritating skin and eyes

R 42/43 Sensitisation through inhalation and contact with skin

S-sentences S 37/39 Wear appropriate safety gloves and glasses/face protection during work.

S 26 Wash out eyes immediately for at least 15 min with water or an eye wash after contact. Consult a doctor.

S 28 After contact with skin wash with much water and soap. If skin irritation stays, consult a doctor.

S 23 Avoid breathing fumes given out (during soldering!)

S 2 keep out of reach of children

Working protection regulations: The Health and Safety at Work etc. Act 1974.

The information is given on best knowledge and conscience, though the user shall conduct tests to determine material suitability for a particular application. The preceding data refers especially to the safety measures and gives no guaranty for the product itself. We refer to the technical data sheet.