



Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

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425-01 REWORK FLUX

SDS no. : 175144

V001.2

Revision: 22.04.2008

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1. Identification of the substance/preparation and of the company/undertaking

Trade name:

425-01 REWORK FLUX

Intended use:

Rework flux

Company name:

Henkel AG & Co. KGaA
Henkelstr. 67
40191 Düsseldorf

Germany

Phone: +49 (211) 797-0

E-mail address of person responsible for Safety Data Sheet:

ua-productsafety.uk@uk.henkel.com

Emergency information:

24 Hours Emergency Tel: +44 (0)20 8312 0291

2. Hazards identification

R22 Harmful if swallowed.

R36 Irritating to eyes.

3. Composition / information on ingredients

Declaration of ingredients according to EC/1907/2006:

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
2-phenoxyethanol 122-99-6	204-589-7	50 - 60 %	Xn - Harmful; R22 Xi - Irritant; R36

For full text of the R-Phrases indicated by codes see section 16 'Other Information'.

Substances without classification may have community workplace exposure limits available.

4. First aid measures

Inhalation:

Move to fresh air. If symptoms persist, seek medical advice.

Skin contact:

Immediately wash skin thoroughly with soap and water.
Obtain medical attention if irritation persists.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Ingestion:

Do not induce vomiting.
Seek medical advice.

5. Fire fighting measures

Suitable extinguishing media:

water, carbon dioxide, foam, powder

Special protection equipment for firefighters:

Wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions:

Wear protective equipment.

Environmental precautions:

Do not let product enter drains.

Clean-up methods:

Wipe up using absorbent material
Keep in suitable and closed containers for disposal.

7. Handling and storage

Handling:

Use only in well-ventilated areas.
Wear suitable protective clothing, safety glasses and gloves.

Storage:

Store in a cool, well-ventilated place.

8. Exposure controls / personal protection

Components with specific control parameters for workplace:

Valid for
Great Britain
Basis
UK EH40 WELs

Ingredient	ppm	mg/m ³	Type	Category	Remarks
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Engineering controls:

Ensure adequate ventilation, especially in confined areas.
Extraction is necessary to remove fumes evolved during reflow.

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection:

The use of chemical resistant gloves such as Nitrile are recommended.
Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Wear protective glasses.

Skin protection:

Wear suitable protective clothing.

Advices to personal protection equipment:

Avoid skin-contact.

9. Physical and chemical properties

General characteristics:

Appearance	paste
	light brown
Odor:	Mild

Phys./chem. properties:

pH-value	Not determined
Boiling point	187 °C (368.6 °F)
Flash point	121 °C (249.8 °F)
Density	1,0 g/cm ³
()	
Solubility (qualitative)	Insoluble
Melting point	Not determined
Auto ignition temperature	500 °C (932 °F)
Octanol/Water distribution coefficient	Not determined
VOC content	50 - 60 %

10. Stability and reactivity

Conditions to avoid:

Stable under normal conditions of storage and use.

Materials to avoid:

Reaction with strong oxidants.

Hazardous decomposition products:

Thermal decomposition can lead to release of irritating gases and vapors.

11. Toxicological information

Oral toxicity:

May cause irritation to the digestive tract.
May cause nausea, vomiting and abdominal pain.

Inhalative toxicity:

Fumes evolved at soldering temperatures will irritate the nose, throat and lungs. Prolonged or repeated exposure to flux fumes may result in sensitisation in sensitive workers.

Skin irritation:

Prolonged or repeated contact may cause skin irritation.

Eye irritation:

Fumes emitted during soldering may irritate the eyes.

12. Ecological information

Ecotoxicity:

Harmful to aquatic organisms.

Persistence and Biodegradability:

The product is not biodegradable.

Bioaccumulative potential:

No data available.

Bioaccumulative potential:

Octanol/Water distribution coefficient: Not determined

13. Disposal considerations

Product disposal:

Dispose of as hazardous waste in compliance with local and national regulations.
Incineration under controlled conditions is recommended.

Disposal of uncleaned packages:

Dispose of as unused product.

14. Transport information

General information:

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

15. Regulations - classification and identification

Indication of danger:

Xn - Harmful



Contains

2-phenoxyethanol

Risk phrases:

R22 Harmful if swallowed.
R36 Irritating to eyes.

Safety phrases:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S60 This material and its container must be disposed of as hazardous waste.

Additional information:

Avoid breathing fumes given out during soldering.

Flux fumes may irritate the nose, throat and lungs and may after prolonged/repeated exposure give an allergic reaction (asthma).

Keep out of reach of children.

National regulations/information (Great Britain):

Remarks

The Health & Safety at Work Act 1974.

The Control of Substances Hazardous to Health Regulations. L5:General Approved Code of Practice to the COSHH Regulations. HS(G)97:A Step by Step Guide to the COSHH Regulations. HS(G)193: COSHH essentials: Easy steps to control chemicals.

IND (G)248L:Solder fume and you. IND(G)249L:Controlling health risks from rosin (colophony) based solder fluxes.

16. Other information

The labelling of the product is indicated in Section 15. The full text of the R-phrases indicated by codes in this safety data sheet are as follows:

R22 Harmful if swallowed.

R36 Irritating to eyes.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

This safety data sheet was prepared in accordance with Council Directive 67/548/EEC and its subsequent amendments, and Commission Directive 1999/45/EC.