

Safety Data Sheet as per regulation (EC) 1907/2006

Commercial Product Name: DFP 526/35 FOLCO RELIEFPASTE DFP

Article-No.: 15310-022

Revision Date: 05.11.2014

Version: 1/en

FOLMANN & CO

Replaces version from: 06.09.2013

Print date: 18.11.2014

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Commercial Product Name DFP 526/35 FOLCO RELIEFPASTE DFP

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses printing ink

1.3 Details of the supplier of the safety data sheet

Address Follmann & Co
Postfach 12 63
D-32372 Minden
Telephone: +49 (571) 93 39 -0
FAX: +49 (571) 93 39 -300

Contact person Environmental Department
Responsible Department Environmental Department +49 (571) 9339-176
E-mail (competent person) sicherheitsdatenblatt@follmann.de

1.4 Emergency telephone number

Emergency telephone number Outside USA: -001 703 527 3887 (D813)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC / 1999/45/EEC This product is not classified as dangerous according to 67/548/EEC / 1999/45/EEC.

2.2 Label elements

Labelling (67/548/EEC or 1999/45/EC) The product does not have to be labelled according to guideline 67/548/EEC / 1999/45/EEC.

SECTION 3: Composition/information on ingredients

3.2 Mixture

Chemical characterization preparation on basis of vinylacetate polymer

Hazardous ingredients

Ingredient		Classification (EEC) No 67/548 Classification (EC) 1272/2008	Concentration
Fettalkoholpolyglykoether	CAS No.: 9043-30-5	Xn; R22 Xi; R41 Acute Tox. 4; H302 Eye Dam. 1; H318	0.1 - 1.0 % by weight

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice Move out of dangerous area. Take off all contaminated clothing immediately. Do not leave the victim unattended. Show this safety data sheet to the doctor in attendance.

In case of skin contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation occurs, seek medical advice/attention.

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

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If swallowed Rinse mouth. Do NOT induce vomiting. Call a physician immediately.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide (CO₂), Foam, Water spray, Dry powder

Extinguishing media which must not be used for safety reasons High volume water jet

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases Hazardous decomposition products formed under fire conditions. Exposure to decomposition products may be a hazard to health.

5.3 Advice for firefighters

Special protective equipment for firefighting In the event of fire, wear self-contained breathing apparatus.

Additional information on firefighting Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Do not allow run-off from fire fighting to enter drains or water courses. The product itself does not burn.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment.

6.2 Environmental precautions

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Clean contaminated surface thoroughly.

6.5 Additional information

Other information Treat recovered material as described in the section "Disposal considerations".

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling Handle and open container with care. Avoid contact with skin and eyes.

Precautions Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Observe label precautions.

Advice on protection against fire and explosion No special protective measures against fire required.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements Keep in properly labelled containers. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage specifications Protect from frost.

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Recommended storage temperature 5 – 25 °C

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Respiratory protection

Note: Should no job-related limit values are indicated, the product, which a monitoring exposure limit is allocated, do not contains ingredients in relevant concentrations.

Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust).

Hand protection

Protective gloves complying with EN 374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Suitable material:

Nitriles

Unsuitable material:

woven fabric, Leather gloves

Eye protection

Tightly fitting safety goggles

Skin and body protection

Wear suitable protective equipment. Long sleeved clothing

General protective and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Avoid contact with the skin and the eyes.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state

liquid

Form

paste-like to fluid

Colour

white

Odour

characteristic

pH

6 – 7

Melting point [°C] / Freezing point [°C]

appr. 0 °C

Boiling point [°C]

appr. 100 °C

Evaporation rate [kg/(s*m²)]

not determined

Vapour pressure [kPa]

123 hPa

Temperature:

50 °C

Vapour density

not determined

Density [g/cm³]

appr. 1,40 – 1,50 g/cm³

Water solubility [g/l]

Remarks:

miscible

Partition coefficient n-octanol /water (log P O/W)

not determined

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Autoignition temperature [°C]	not determined
Viscosity, dynamic [kg/(m*s)]	appr. 60 – 70 dPa*s
Temperature:	20 °C
Measuring method:	Haake-Viscotester
Explosive properties	Not relevant
Oxidising properties	Not relevant

SECTION 10: Stability and reactivity

10.4 Conditions to avoid

Conditions to avoid None under normal processing.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Hazardous ingredients

Fettalkoholpolyglykoether

Oral toxicity [mg/kg]	Source
500 mg/kg	100

Source: 100 – Firmendaten

Dermal toxicity [mg/kg]	Source
>2000 mg/kg	100

Source: 100 – Firmendaten

Inhalative toxicity [mg/l]	Source
not determined	100

Source: 100 – Firmendaten

Irritant effect on skin	No skin irritation
Irritant effect on eyes	Risk of serious damage to eyes.
Sensitization	not determined
Carcinogenic effects	not determined
Mutagenicity	not determined
Reproduction toxicity	not determined

Specific target organ toxicity (single exposure) [mg/kg]	Source
not determined	100

Source: 100 – Firmendaten

Specific target organ toxicity (repeated exposure) [mg/kg]	Source
not determined	100

Source: 100 – Firmendaten

11.2 Additional information

Other information (chapter 11.) No toxicology information is available.

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SECTION 12: Ecological information

12.1 Toxicity

Hazardous ingredients

Fettalkoholpolyglykoether

Toxicity to fish [mg/l]	Source
1,1-10 mg/l	100

Source: 100 - Firmendaten

Toxicity to daphnia [mg/l]	Source
7,07 mg/l	100

Source: 100 - Firmendaten

Toxicity to algae [mg/l]	Source
>=10 mg/l	100

Source: 100 - Firmendaten

Aquatic toxicity [mg/l]	Source
>1000 mg/l	100

Source: 100 - Firmendaten

12.5 Results of PBT and vPvB assessment

Results of PBT characteristics determination This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

12.6 Other adverse effects

Further information on ecology We have no quantitative data concerning the ecological effects of this product.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. The following Waste Codes are only suggestions:

Waste Code 08 01 12: waste paint and varnish other than those mentioned in 08 01 11
08 03 13: waste ink other than those mentioned in 08 03 12

Uncleaned empty packaging -
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SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.2 Description of the goods	Non dangerous good	Non dangerous good IATA	Non dangerous good IATA
14.2 UN proper shipping name		Non dangerous good	Non dangerous good

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14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not relevant

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Additional regulations Additionally, observe any national regulations!

SECTION 16: Other information

Relevant R-phrases R22: Harmful if swallowed.
R41: Risk of serious damage to eyes.

Relevant H-phrases H302: Harmful if swallowed.
H318: Causes serious eye damage.

Wording of the hazard classes Acute Tox.: Acute toxicity
Eye Dam.: Serious eye damage

Department issuing safety data sheet Environmental Department

Further information Full text of R-phrases referred to under sections 2 and 3

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.