

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name: Profine PVCadhesive
Art.-No.: F0074-C004

Supplier:

Profine GmbH International Profile Group www.profine-group.com
Mühlheimer Str. 26
D-53840 Troisdorf
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Emergency Telephone:
+49 (0) 30 19240 Berlin

2. HAZARDS IDENTIFICATION

• **Hazard designation:**

Xi Irritant

F Highly flammable

• **Information pertaining to particular dangers for man and environment**

R 11 Highly flammable.

R 36/37 Irritating to eyes and respiratory system. Contains epoxy constituents. See information supplied by the manufacturer.

• **Additional information:**

In the event of a large-scale use of the product, ignition sources in the immediate proximity and in low-lying areas, such as welding equipment, bells, heating elements, refrigerators, storage heaters etc. should be switched off!
Erect warning signs warning of the hazardous risk of explosive atmosphere!

3. COMPOSITION/INFORMATION ON INGREDIENTS

• **Chemical characterization**

• **Description:** preparation

Dangerous components:

109-99-9 tetrahydrofuran	50-100 %
Xi, F; R 11-19-36/37	
EINECS: 203-726-8	

• **Additional information**

For the wording of the listed risk phrases refer to section 16.

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4. FIRST AID MEASURES

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Telephone.: +49 (0) 2772 57587-0 Telefax: +49 (0) 02772 57587-20
www.fenoplast.de info@fenoplast.de

- **After inhalation**

Supply fresh air; consult doctor in case of complaints.
In case of unconsciousness bring patient into a stable side position for transport.

- **After skin contact**

Treat affected skin with cotton wool or cellulose. Then wash and rinse thoroughly with water and a mild cleaning agent.

- **After eye contact**

Rinse opened eye for several minutes under running water. Then consult doctor.

- **After swallowing**

Do not induce vomiting; call for medical help immediately.

5. FIRE-FIGHTING MEASURES

- **Suitable extinguishing agents**

Water spray
Alcohol-resistant foam
Fire-extinguishing powder
Carbon dioxide

- **For safety reasons unsuitable extinguishing agents** Water with full jet.

- **Special hazards caused by the material, its products of combustion or resulting gases:**

Formation of toxic gases is possible during heating or in case of fire.

- **Protective equipment:** Wear self-contained respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

- **Person-related safety precautions:**

Ensure adequate ventilation
Keep away from ignition sources
Use respiratory protective device against the effects of fumes/dust/aerosol.

- **Measures for environmental protection:**

Do not allow to enter sewers/ surface or ground water.

- **Measures for cleaning/collecting:** Pick up mechanically.

7. HANDLING AND STORAGE

- **Handling**

- **Information for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

- **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Fumes can combine with air to form an explosive mixture.

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- **Storage**

- **Requirements to be met by storerooms and receptacles:**

Prevent any seepage into the ground.

- **Information about storage in one common storage facility:**

Store away from foodstuffs.

- **Further information about storage conditions:**

Protect from frost.

Keep receptacle tightly sealed.

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

Store in dry conditions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Additional information about design of technical systems:**

No further data; see item 7.

Components with limit values that require monitoring at the workplace:

109-99-9 tetrahydrofuran

WEL (Great Britain): Short-term value: 300 mg/m³, 100 ppm

Long-term value: 150 mg/m³, 50 ppm

Sk

IOELV (European Union): Short-term value: 300 mg/m³, 100 ppm

Long-term value: 150 mg/m³, 50 ppm

Skin

- **Personal protective equipment**

- **General protective and hygienic measures**

The usual precautionary measures should be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of the work.

Immediately remove all soiled and contaminated clothing

- **Breathing equipment:**

Not required with good ventilation and/or adequate extractor facilities

In case of brief exposure or low pollution use respiratory filter device. In

case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Short term filter device:

Filter AX (DIN EN 371 [DIN EN 141])

- **Protection of hands:**

Protective gloves made of the following material:

Fluorocarbon rubber (Viton)- (0,7mm)

The named material refers only to the chemical resistance to the product.

Another important factor in the selection of the right gloves is their

resistance to mechanical wear and tear. This, however, can differ completely

from company to company which is why we recommend that users contact glove

manufacturers in order to establish compliance with their own individual

operating needs. Attention is also to be paid to an adequate penetration time

(> 240min / EN374) of the glove material which complies with the strength and duration of exposure to the product.

- **Eye protection:** Safety glasses

9. PHYSICAL AND CHEMICAL PROPERTIES

- **General Information**

- **Form:** Fluid
- **Colour:** Opaque
- **Odour:** Solvent-like

	<u>Value/Range</u>	<u>Unit</u>	<u>Method</u>
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10. STABILITY AND REACTIVITY

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous products of decomposition:**
In case of fire, the following substance(s) may occur:
Hydrogen chloride (HCl)

11. TOXICOLOGICAL INFORMATION

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:**
Prolonged or repeated contact with the skin may cause skin irritation
- **on the eye:** irritant

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12. ECOLOGICAL INFORMATION

- **General notes:**

Do not allow product to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

- **Product:**

- **Recommendation** Disposal in accordance with official regulations

- **EWC-Code(s) :**

No waste code number pursuant to the European Waste Catalogue can be stipulated for this product since only the intended application by the consumer allows an assignment to be made. The waste code number must be stipulated by agreement with the producer (or the responsible public authority).

- **Uncleaned packagings:**

- **Recommendation:**

Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

- **Land transport ADR/RID (cross-border)**

- **ADR/RID class:** 3 Flammable liquids.
- **Danger code (Kemler):** 33
- **UN-Number:** 1133
- **Packaging group:** III
- **Label** 3
- **Designation of goods:** 1133 ADHESIVES

- **Maritime transport IMDG:**

- **IMDG Class:** 3
- **UN Number:** 1133
- **Label** 3
- **Packaging group:** II
- **EMS Number:** F-E, S-D
- **Marine pollutant:** No
- **Proper shipping name:** ADHESIVES
- **Remarks:**

(Packing group III, if content of packaging <= 30l, according 2.3.2.3 IMDG)

- **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1133
- **Label** 3
- **Packaging group:** II
- **Proper shipping name:** ADHESIVES
- **Remarks:**

(Packing group III, if content of packaging <= 30l, according 3.3.3.1.1 IATA)

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15. REGULATORY INFORMATION

- **Markings according to EC guidelines:**

- **Code letter and hazard designation of product:**

Xi Irritant F Highly flammable



- **Risk phrases:**

11 Highly flammable.

36/37 Irritating to eyes and respiratory system.

- **Safety phrases:**

9 Keep container in a well-ventilated place.

16 Keep away from sources of ignition – No smoking.

23 Do not breathe vapour/aerosol.

29 Do not empty into drains.

33 Take precautionary measures against static discharges.

51 Use only in well-ventilated areas.

- **Special designation of certain preparations:**

Contains epoxy constituents. See information supplied by the manufacturer. Contains 3,4-Epoxycyclohexylmethyl-3,4-epoxycyclohexylcarboxylat. May produce an allergic reaction.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

For industrial use only.

- **Legend of R-phrases, concerning the in chapter 3 mentioned substances (marking of product please see chapter 15) :**

11 Highly flammable.

19 May form explosive peroxides.

36/37 Irritating to eyes and respiratory system.