



SAFETY DATA SHEET

2K-PUR-SPACHTEL HÄRTER LI 1962

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Compilation date: 05.02.2014

Revision No: 3

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

1.1. Product identifier

Product name: 2K-PUR-SPACHTEL HÄRTER LI 1962

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

Use of substance / mixture: Filler for industrial or professional application. For information regarding additional possible application please email us or dial the indicated phone number as shown below. We will connect you with our responsible technical personnel.

1.3. Details of the supplier of the safety data sheet

Company name: AIRO CHEMIE
A. Schmiemann GmbH & Co KG
Carl-Leverkus Str. 27
D - 40764 Langenfeld
Deutschland
Tel: [49] 02173 8538-0
Fax: [49] 02173 8538-60
Email: labor@airo-chemie.com

1.4. Emergency telephone number

Emergency tel: 030-30686790

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: Xn: R20; Xi: R37; Sens.: R43

Classification under CLP: Skin Sens. 1: H317; STOT SE 3: H335

Most important adverse effects: Harmful by inhalation. Irritating to respiratory system. May cause sensitisation by skin contact.

2.2. Label elements

Label elements under CLP:

Hazard statements: H317: May cause an allergic skin reaction.
H335: May cause respiratory irritation.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



[cont...]

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Precautionary statements: P102: Keep out of reach of children.
P261: Avoid breathing.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312: Call a POISON CENTER or doctor if you feel unwell.

Label elements under CHIP:

Hazard symbols: Harmful.



Risk phrases: R20: Harmful by inhalation.
R37: Irritating to respiratory system.
R43: May cause sensitisation by skin contact.

Safety phrases: S2: Keep out of the reach of children.
S24: Avoid contact with skin.
S37: Wear suitable gloves.

Precautionary phrases: Restricted to professional users.

2.3. Other hazards

PBT: This product is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

HEXAMETHYLEN-1,6-DIISOCYANAT HOMOPOLYMER

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	28182-81-2	Xn: R20; Xi: R37; Sens.: R43	Skin Sens. 1: H317; Acute Tox. 4: H332; STOT SE 3: H335	40-70%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion: Do not induce vomiting. Consult a doctor.
Inhalation: Move to fresh air in case of accidental inhalation of vapours.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

[cont...]

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Eye contact: There may be irritation and redness.

Ingestion: Nausea and stomach pain may occur. The casualty may appear intoxicated.

Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Headaches or general malaise may result.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of nitrogen oxides. In combustion emits toxic fumes of carbon dioxide. In combustion emits toxic fumes of carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a suitable container. Refer to section 13 of SDS for suitable method of disposal.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Coated steel.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

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8.1. Control parameters

Workplace exposure limits: No data available.

8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Butyl gloves. Breakthrough time of the glove material > 8 hours.

Eye protection: Safety glasses. Face-shield.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Cream

Odour: Barely perceptible odour

Also soluble in: Most organic solvents.

Viscosity: Highly viscous

Boiling point/range°C: n.a.

Melting point/range°C: n.a.

Flash point°C: 158

Part.coeff. n-octanol/water: n.a.

Autoflammability°C: n.a.

Vapour pressure: n.a.

Relative density: 1,446 g/cm³

pH: n.a.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Reacts violently with amines (exothermic) Exothermic reaction with acids, bases, strong oxidizing agents, alcohols. Reacts with water to form carbon dioxide, in closed containers kannn develop pressure (bursting).

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Heat. Moist air. Humidity.

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10.5. Incompatible materials

Materials to avoid: Water.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: Nausea and stomach pain may occur. The casualty may appear intoxicated.

Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Headaches or general malaise may result.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Not applicable.

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

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NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: H317: May cause an allergic skin reaction.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

R20: Harmful by inhalation.

R37: Irritating to respiratory system.

R43: May cause sensitisation by skin contact.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

