



SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

Fix Gewinde hochfest

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

Product name

Fix Gewinde hochfest

Use of the substance / preparation

adhesive

Manufacturer/Supplier

SCT-Vertriebs GmbH

Wedel/Hamburg

Street/P.O.Box

Feldstrasse 154

Country code/Postal code/Town/City

22880 Wedel

Contact

email: info@sct-germany.de

Emergency information

+49 4103 1211 0 (08:00 - 17:00 h)

02. Composition/information on ingredients

To people

See point 11 and 15. Preparation is classified as hazardous in the sense of directive 1999/45/EC. Irritation of the eyes Irritation of the respiratory tract

To the environment

See point 12.

03. Hazard identification

content%	Symbol	R-phrases	EINECS, ELINCS
	Registration number(ECHA)	Classification categories	
Ethyl 2-cyanoacrylate	87 Xi	36/37/38	

For complete wording of the R-phrases, refer to point 16

04. First-aid measures

4.1 Inhalation

Remove person from danger area. Supply person with fresh air and consult doctor according to symptoms. Keep data sheet available. If the person is unconscious, place in a stable side position and consult a doctor.

4.2 Eye contact

Wash thoroughly for several minutes using copious water - call doctor immediately, have Data Sheet available.

4.3 Skin contact

Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (rednes etc.), consult doctor.

4.4 Ingestion

Rinse the mouth thoroughly with water. Do not induce vomiting - give copious water to drink. Consult doctor immediately.

4.5 Special resources necessary for first aid

n.c.



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05. Fire-fighting measures

- 5.1 Suitable extinguishing media
Product is not combustible. Adapt to the nature and extent of fire.
- 5.2 Extinguishing media which shall not be used for safety reasons
High volume water jet
- 5.3 Special exposure hazards arising from the substance of preparation itself, combustion products, resulting gases
In case of fire the following can develop:
Oxides of carbon
Oxides of nitrogen
Oxides of sulphur
- 5.4 Special protective equipment for fire-fighters
In case of fire and/or explosion do not breathe fumes. Protective respirator with independent air supply. According to size of fire. Full protection, if necessary.
- 5.5 Further information
Dispose of contaminated extinction water according to official regulations.

Refer to point 13 and for personal protection refer to point 8

06. Accidental release measures

Refer to point 13, and for personal protection refer to point 8.

- 6.1 Personal precautions
Ensure sufficient supply of air. Avoid contact with eyes or skin.
Do not carry cleaning cloths soaked in product in trouser pockets.
- 6.2 Environmental precautions
If leakage occurs, dam up.
Prevent from entering drainage system.
Prevent surface and ground-water infiltration, as well as ground penetration.
- 6.3 Methods for cleaning up
Collect mechanically and dispose of according to point 13.

07. Handling and storage

- 7.1 Handling
Tips for safe handling:
See point 6.1
Ensure good ventilation. Avoid contact with eyes or skin. Eating, drinking, smoking, as well as food-storage, is prohibited in work-room. Observe directions on label and instructions for use.
Use working methods according to operating instructions.
- 7.2 Storage
Requirements for storage rooms and containers:
Not to be stored in gangways for stair wells. Store product closed and only in original packing. Do not store with oxidizing agents.
Special storage conditions:
See point 10
Store in a well ventilated place. Store cool.

08. Exposure controls/personal protection

Chemical Name	Cumene	content%: 0,1-<1
WEL-TWA: 25 ppm (125 mg/m ³) (WEL), 20 ppm (100 mg/m ³) (EC)	WEL-STEL: 50 ppm (250 mg/m ³) (WEL,EC)	---
BMGV: ---	Other informations: Sk (WEL)	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.
** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.



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08. Exposure controls/personal protection

8.2 Exposure controls

8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here.

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Respiratory protection: Normally not necessary

If fumes build up, use suitable breathing mask. Filter A P 3 (EN 141)

Hand protection: Protective plastic gloves (EN 374)

If applicable

Protective Neopren glove (En374)

Protective hand cream recommended.

Eye protection: Tight fitting protective goggles with side protection (EN 166)

Skin protection: Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments)

8.2.2 Environmental exposure controls

n.av.

09. Physical and chemical properties

Physicale state:	Liquid
Colour:	Green
Odour:	Characteristic
pH-value undiluted:	7
Boiling point/boiling range (°C):	n.av.
Melting point/Melting range (°C):	n.av.
Flash point (°C):	85°C
Oxidising properties:	No
Minimum limit of explosion:	n.a.
Maximum limit of explosion:	n.a.
Vapour pressure:	< 1,5 hPa (20°C)
Density (g/ml):	1,08 (25°C)
Water solubility:	Insoluble
Viscosity:	500 mPas (23°C)

10. Stability and reactivity

Conditions to avoid

See point 7

Stable when handled and stored correctly. Polymerisation due to high heat is possible.

Materials to avoid

See point 7

Avoid contact with strong oxidizing agents.

Avoid contact with strong alkalis.

Avoid contact with strong acids.

Reducing agent

Peroxides

Hazardous decomposition products

See point 5.3

11. Toxicological information

Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg): n.av.

Inhalation, LC50 rat inhal (mg/l/4h): Irritant

Skin contact, LD50 rat dermal (mg/kg): n.av.

Eye contact: Irritant



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11. Toxicological information

Materials to avoid
See point 7
Avoid contact with strong oxidizing agents.
Avoid contact with strong alkalis.
Avoid contact with strong acids.
Reducing agent
Peroxides
Hazardous decomposition products
See point 5.3

12. Ecological information

Water hazard class (Germany):	1
Self classification:	Yes (VwVwS)
Persistence and degradability:	n.av.
Behaviour in sewage plants:	
According to the recipe, contains no AOX.	
Aquatic toxicity:	n.av.
Ecological toxicity:	n.av.

13. Disposal considerations

13.1. for the material / preparation / residue
EC disposal code no.:
The waste codes are recommendations based on the scheduled use of this product.
Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)
08 04 09 waste adhesives and sealants containing organic solvents or other dangerous substances
Recommendation:
Pay attention to local and national official regulations
Allow product to harden.
E.g. dispose at suitable refuse site.
E.g. suitable incineration plant.
13.2 for contaminated packing material
See point 13.1
Pay attention to local and national official regulations
Uncontaminated packaging can be recycled.
Dispose of packaging that cannot be cleaned in the same manner as the substance.

14. Transport information

General statements		
UN-Number:	n.a.	
Road/Rail-transport (ADR/RID)		
Class/packing group:	n.a.	
Classification code:	n.a.	
LQ:	n.a.	
Tunnel restriction code:		
Transport by sea		
IMDG-code:	n.a.	(class/packing group)
Marine Pollutant:	n.a.	
Transport by air		
IATA:	n.a.	(class/secondary danger/packing group)
Additional information:		
Non-dangerous material according to Transport Regulations.		

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15. Regulatory information

Classification according to Dangerous Product Regulations incl. EC Directives

Symbols: Xi

Indication of danger: Irritant

R-phrases: 36/38 Irritating to eyes and skin. 43 May cause sensitization by skin contact

52/53 Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment

S-phrases:

2 Keep out of reach of children

24 Avoid contact with skin

35 This material and its container must be disposed of in a safe way.

46 If swallowed, seek medical advice immediately and show this container or label.

Additions:

Contains epoxy constituents. See information supplied by the manufacturer.

reaction product bisphenol A- (epichlorhydrin), epoxy resin (number average molecular weight <=700)

Observe restrictions: Yes

Regulation (EC) No 1907/2006. Annex XVII VOC (1999/13/EC) 0%



16. Other information

These details refer to the product as it is delivered.

Storage class VCI (Germany): 10/12

Revised points: 1 - 16 (REACH)

The following phrases represent the prescribed R-phrases for the ingredients (designated in point 3)
36/37/38

Legend

n.a. = Not applicable / n.v., k.D.y. = n.av = not available/ n.g. = n.c. = not checked

WEL= Workplace Exposure Limit Eh40, TWA = Long-term exposure limit (8-hour TWA (=time weighted average) reference period) STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value Eh40 AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany)/BGW= „Biologischer Grenzwert" (biological limit value, Germany) VbF = Regulations for flammable liquids (Austria) WGK= water hazard class (Germany) = WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water VOC= Volatile organic compounds / AOX= Adsorbable organic halogen compounds VwVwS = Administrative Order relating to substances hazardous to water (Germany) The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.