



SAFETY DATA SHEET

Prepared according to Annex II of EC Regulation 1907/2006

Epoxid Kitt

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

Product name

Epoxid Kitt

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.

36/38 Irritating to eyes and skin.

43 May cause sensitization by skin contact.

Contains epoxy constituents. Avoid skin contact. Protective gloves should be worn.

To the environment

See point 12.

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

03. Hazard identification

Chemical name			
content%	Symbol	R-phrases	EINECS, ELINCS
	Registration number(ECHA)	Classification categories	

reaction product bisphenol A-(epichlorhydrin), epoxy resin (number average molecular weight <= 700)			
5-<25	Xi/N	36/38-43-51-53	500-033-5 (NLP)
		Harmful	

Chemical name			
content%	Symbol	R-phrases	EINECS, ELINCS
	Registration number(ECHA)	Classification categories	

2,4,6-Tris (dimethylaminomethyl) phenol			
1-<10	Xn/Xi	22-36/38	202-013-9

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



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04. First-aid measures

4.1 **Inhalation**

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

4.2 **Skin contact**

Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin

irritation occurs (redness etc.), consult doctor.

4.2 **Eye contact**

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

4.4 **Ingestion**

Rinse the mouth thoroughly with water.

Give copious water to drink - consult doctor immediately.

4.5 **Special resources necessary for first aid**

Indications for the physician: Symptomatic treatment

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.



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08. Exposure controls/personal protection

Chemical Name	Ethandiol	content%: 10-20
WEL-TWA: 10mg/m ³ (total inh. dust), 4mg/m ³ (resp. dust)	WEL-STEL: ---	---
BMGV: ---	Other informations: ---	

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.

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 und the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

Respiratory protection: Normally not necessary

Hand protection: Chemical resistant protective gloves (EN 374)

Recommended

Protective gloves in butyl rubber (EN 374)

Permeation time (penetration time) in minutes:

>480

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 ISO 20345, long-sleeved protective working garments)

8.2.2 Environmental exposure control

n.a.v.

09. Physical and chemical properties

9.1 General information

Physical state:

Solid, Pastelike

Colour:

Grey

Odour:

Characteristic

9.2. Important health, safety and environmental information

pH-value undiluted:

n.a.

Boiling point/boiling range (°C):

n.a.

Melting point/melting range (°C):

Not detected

Flash point (°C):

> 200

Oxidising properties:

No

Minimum limit of explosion:

n.a.

Maximum limit of explosion:

n.a.

Vapour pressure:

Not detected

Density (g/ml):

1,85 (20°C)

Water solubility:

Insoluble

Viscosity:

n.a.

10. Stability and reactivity

Conditions to avoid

See point 7

Stable when handled and stored correctly.

Materials to avoid

See point 7

Avoid contact with strong oxidizing agents.

Hazardous decomposition products See point

5.3

No decomposition when used as directed.



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11. Toxicological information

Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):

n.av.

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

n.av.

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

See point 15.

Eye contact:

See point 15.

Delayed and chronic effects

Sensitization:

Yes (skin contact)

Carcinogenicity:

n.c.

Mutagenicity:

n.c.

Reproductive toxicity:

n.c.

Narcosis:

n.c.

Further information

The product was not tested.

Classification according to calculation procedure.

The following may occur:

Dermatitis (skin inflammation)

Allergic contact eczema

12. Ecological information

Persistence and degradability:

Not readily biodegradable (12% OECD 301B)

Behaviour in sewage plants:

Contains organically bound halogens, which may contribute to the AOX value in wastewater.

Aquatic toxicity:

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

Ecological toxicity:

n.av.

Mobility:

n.av.

Accumulation:

n.av.

Results of PBT assessment:

n.av.

Other adverse effects:

* reaction product bisphenol A-(epichlorhydrin), epoxy resin (number average molecular weight \leq 700)

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.

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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.		

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

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

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

37 Wear suitable gloves

36 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): 11

Revised points: 2, 3, 7, 8, 12

The following phrases represent the prescribed R-phrases/H-phrases (GHS/CLP) for the ingredients (designated in point 3)

36/38 Irritating to eyes and skin

43 May cause sensitization by skin contact

51 Toxic to aquatic organisms

53 May cause long-term adverse effects in the aquatic environment

22 Harmful if swallowed

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.