Safety data sheet according to 1907/2006/EC, Article 31

Printing date 25.02.2021

Version number 14

Revision: 25.02.2021

SECTION 1: Identif	fication of the substance/mixture and of the company/unde	rtaking
1.1 Product identif	ïer	
• Trade name: ALFI • 1.2 Relevant identi No further relevant i	X C2 EPOXY (A-Komp.) ified uses of the substance or mixture and uses advised aga information available. substance / the mixture Epoxy resin adhesive	ainst
 1.3 Details of the s Manufacturer/Supp Alfix A/S H.C. Ørsteds Vej 11 6000 Kolding -Dänemark- 		
 Informing departm Frank Pingel E: fp@alfix.dk T: +45 75 52 90 11 	nent:	
SECTION 2: Hazard	ds identification	
	of the substance or mixture ording to Regulation (EC) No 1272/2008	
GHS07		
Eye Irrit. 2 H	l315 Causes skin irritation. l319 Causes serious eye irritation. l317 May cause an allergic skin reaction.	
Aquatic Chronic 3 H	I412 Harmful to aquatic life with long lasting effects.	
	ig to Regulation (EC) No 1272/2008 sified and labelled according to the CLP regulation. s GHS07	
2,2'-[(1-methylethyli	n g components of labelling: dene)bis(4,1-phenyleneoxymethylene)]bisoxirane 2-14-alkyloxy)methyl] derivs Jek Resin	
Reaction products on Hazard statements H315 Causes skin in	of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2) s rritation.	
H412 Harmful to aq	n allergic skin reaction. uatic life with long lasting effects.	
P280 V	Avoid breathing dust/fume/gas/mist/vapours/spray. Near protective gloves/protective clothing/eye protection/face protection.	otection/hearing
P305+P351+P338 	F IN EYES: Rinse cautiously with water for several minutes. Rer enses, if present and easy to do. Continue rinsing. f skin irritation or rash occurs: Get medical advice/attention.	nove contact
	T SMITHINIALION OF TASH OCCUTS. GET MEDICALAUVICE/ALLENTION.	
P363 V P501 E	Wash contaminated clothing before reuse. Dispose of contents/container in accordance with local/regional/r nternational regulations.	national/

(Contd. on page 2)

⁻ GB

Version number 14

Revision: 25.02.2021

Trade name: ALFIX C2 EPOXY (A-Komp.)

· vPvB: Not applicable.

Determination of endocrine-disrupting properties

1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane: List II

Epoxy Phenol Novolak Resin: List II

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description:

Solvent- free preparation based on Bisphenol-A-Epichlorhydrin resin molecular weight \leq 700.

Dangerous compone	nts:	
CAS: 1675-54-3 EINECS: 216-823-5	2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)] bisoxirane	10-25%
	♦ Aquatic Chronic 2, H411; ♦ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317	
	Specific concentration limits: Eye Irrit. 2; H319: C ≥ 5 % Skin Irrit. 2; H315: C ≥ 5 %	
CAS: 65997-17-3	aluminum silicate � Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	2.5-10%
CAS: 38640-62-9 EINECS: 254-052-6	Diisopropylnaphtalene 🚸 Asp. Tox. 1, H304; 🚸 Aquatic Chronic 1, H410	<2.5%
CAS: 68609-97-2 EINECS: 271-846-8	oxirane, mono[(C12-14-alkyloxy)methyl] derivs ŷ Skin Irrit. 2, H315; Skin Sens. 1, H317, EUH205	<2.5%
EC number: 701-263-0	Epoxy Phenol Novolak Resin � Aquatic Chronic 2, H411; � Skin Irrit. 2, H315; Skin Sens. 1,	<2.5%
	H317	
CAS: 933999-84-9 EC number: 618-939-5	Reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane	<1%
	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412	
• Additional informatio	n For the wording of the listed hazard phrases refer to section 16.	

SECTION 4: First aid measures

• 4.1 Description of first aid measures

General information

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Personal protection for the First Aider.

It is possible to choke in case of vomiting in unconsciousness.

Bring unconscious persons into a stable position on side.

Keep the respiratory tract free (remove dentures and vomiting).

Check the pulse. In case of heart failure you have to make a cardiac massage. In case of stoppage of breathing: artificial respiration.

- Take up a doctor immediately!
- After inhalation Supply fresh air or oxygen; call for doctor.
- After skin contact Instantly wash with water and soap and rinse thoroughly.
- · After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor. **After swallowing**

Drink copious amounts of water and provide fresh air. Instantly call for doctor. Show the pack or the label to the doctor.

(Contd. on page 3)

(Contd. of page 1)

GB

Version number 14

Revision: 25.02.2021

(Contd. of page 2)

Trade name: ALFIX C2 EPOXY (A-Komp.)

- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- Suitable extinguishing agents CO2, extinguishing powder or water jet. Fight larger fires with water jet.
- 5.2 Special hazards arising from the substance or mixture
- Formation of poisonous gases during heating or in fires.
- 5.3 Advice for firefighters
- · Protective equipment: Wear self-contained breathing apparatus.
- · Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Follow the emergency-plan.

SECTION 6: Accidental release measures

 6.1 Personal precautions, protective equipment and emergency procedures Wear protective clothing.
 Bring persons out of danger.
 Wear protective equipment. Keep unprotected persons away.

- 6.2 Environmental precautions: Do not allow product to reach sewage system or water bodies.
- 6.3 Methods and material for containment and cleaning up:
- Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Pick up the product mechanically, avoid dust formation.
- 6.4 Reference to other sections See Section 7 for information on safe handling See Section 8 for information on personal protection equipment.
- See Section 13 for information on disposal.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling Prevent formation of dust. Keep away from children.
- Information about protection against explosions and fires: No special measures required.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage
- · Requirements to be met by storerooms and containers: No special requirements.
- Information about storage in one common storage facility: Store away from foodstuffs.

Please follow the rules of the VCI-Storage-Concept for chemicals.

- Further information about storage conditions: Keep container tightly sealed.
- Storage class 13
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

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

(Contd. on page 4)

GB

Version number 14

Revision: 25.02.2021

Trade name: ALFIX C2 EPOXY (A-Komp.)

Additional information: The lists that	(Contd. of page were valid during the compilation were used as basis.
8.2 Exposure controls	5
Appropriate engineering controls	
It must be possible to wash the skin in	the working area.
Eye-wash bottle must be available.	
Individual protection measures, suc	
General protective and hygienic me	
Clean skin only with cleaning agent es Don't use solvent for skin cleaning!	pecially for epoxy resin.
Clean clothes which are contaminate w	vith epoxi resin before unsing again
	build be adhered to in handling the chemicals.
Instantly remove any soiled and impreg	
Avoid contact with the eyes and skin.	
Be sure to clean skin thoroughly after v	work and before breaks.
Breathing equipment: Not required. Hand protection Hand Protection: Nite	ril rubber latex aloves
Material of gloves	III-IUDDEI-IAIEA-YIUVES.
	ss \geq 0,5mm; Break through time \geq 480 min
3	
Penetration time of glove material	
	found out by the manufacturer of the protective gloves and
has to be observed.	
Eye/face protection Safety glasses Body protection: Protective work clot	hing
Body protection. Protective work clot	ning.
SECTION 9: Physical and chemical	properties
y i information on basic physical an	nd chemical properties
9.1 Information on basic physical ar General Information	nd chemical properties
	nd chemical properties Solid
General Information Physical state Colour:	Solid According to product specification
General Information Physical state Colour: Smell:	Solid According to product specification Weak, characteristic
General Information Physical state Colour: Smell: Odour threshold:	Solid According to product specification Weak, characteristic Not determined.
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point:	Solid According to product specification Weak, characteristic Not determined. Not determined
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a	Solid According to product specification Weak, characteristic Not determined. Not determined and
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability	Solid According to product specification Weak, characteristic Not determined. Not determined and
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined.
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point:	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined. Not determined. Not determined. Not determined. Not determined. Not applicable
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Self-inflammability:	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined. Not determined. Not determined. Not determined. Not determined. Not determined. Product is not selfigniting.
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Self-inflammability: Decomposition temperature:	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined. Not determined. Not determined. Not determined. Not determined. Not applicable Product is not selfigniting. Not determined.
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Self-inflammability: Decomposition temperature: pH	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined. Not determined. Not determined. Not determined. Not determined. Not determined. Product is not selfigniting.
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Self-inflammability: Decomposition temperature: pH Viscosity:	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined. Not determined. Not determined. Not determined. Not applicable Product is not selfigniting. Not determined. Not determined. Not applicable.
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Self-inflammability: Decomposition temperature: pH Viscosity: Kinematic viscosity	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined. Not determined. Not determined. Not determined. Not applicable Product is not selfigniting. Not determined. Not applicable. Not applicable.
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Self-inflammability: Decomposition temperature: pH Viscosity: Kinematic viscosity dynamic:	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined. Not determined. Not determined. Not determined. Not applicable Product is not selfigniting. Not determined. Not determined. Not applicable.
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Self-inflammability: Decomposition temperature: pH Viscosity: Kinematic viscosity	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined. Not determined. Not determined. Not determined. Not applicable Product is not selfigniting. Not determined. Not applicable. Not applicable.
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Self-inflammability: Decomposition temperature: pH Viscosity: Kinematic viscosity dynamic: Solubility	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined. Not determined. Not determined. Not determined. Not applicable Product is not selfigniting. Not determined. Not applicable. Not applicable. Not applicable. Unsoluble
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Self-inflammability: Decomposition temperature: pH Viscosity: Kinematic viscosity dynamic: Solubility Water:	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined. Not determined. Not determined. Not determined. Not applicable Product is not selfigniting. Not determined. Not applicable. Not applicable. Not applicable. Unsoluble
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Self-inflammability: Decomposition temperature: pH Viscosity: Kinematic viscosity dynamic: Solubility Water: Partition coefficient n-octanol/water value) Steam pressure:	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined. Not determined. Not determined. Not determined. Not applicable Product is not selfigniting. Not determined. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Self-inflammability: Decomposition temperature: pH Viscosity: Kinematic viscosity dynamic: Solubility Water: Partition coefficient n-octanol/water value) Steam pressure: Density and/or relative density	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined. Not determined. Not determined. Not applicable Product is not selfigniting. Not determined. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Self-inflammability: Decomposition temperature: pH Viscosity: Kinematic viscosity dynamic: Solubility Water: Partition coefficient n-octanol/water value) Steam pressure:	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined. Not determined. Not determined. Not applicable Product is not selfigniting. Not determined. Not applicable. Not applicable. Not applicable. Unsoluble Not determined. Not determined. Not applicable. 1.76 g/cm ³
General Information Physical state Colour: Smell: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point a boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Self-inflammability: Decomposition temperature: pH Viscosity: Kinematic viscosity dynamic: Solubility Water: Partition coefficient n-octanol/water value) Steam pressure: Density and/or relative density	Solid According to product specification Weak, characteristic Not determined. Not determined and not apply Not determined. Not determined. Not determined. Not applicable Product is not selfigniting. Not determined. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.

Version number 14

Revision: 25.02.2021

Trade name: ALFIX C2 EPOXY (A-Komp.)

		(Contd. of page 4)
· Vapour density	Not applicable.	
• 9.2 Other information		
· Appearance:		
· Form:	Pasty	
Important information on protection of heat	alth	
and environment, and on safety.		
Explosive properties:	Product is not explosive.	
Change in condition		
· Evaporation rate	Not applicable.	
· Information with regard to physical hazard	l	
classes		
· Explosives	Void	
· Flammable gases	Void	
· Aerosols	Void	
· Oxidising gases	Void	
· Gases under pressure	Void	
Flammable liquids	Void	
Flammable solids	Void	
Self-reactive substances and mixtures	Void	
 Pyrophoric liquids 	Void	
 Pyrophoric solids 	Void	
· Self-heating substances and mixtures	Void	
• Substances and mixtures, which emit		
flammable gases in contact with water	Void	
· Oxidising liquids	Void	
· Oxidising solids	Void	
· Organic peroxides	Void	
Corrosive to metals	Void	
Desensitised explosives	Void	

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- 10.3 Possibility of hazardous reactions Reacts with strong acids and oxidizing agents
- 10.4 Conditions to avoid No further relevant information available.
- \cdot 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

- \cdot Acute toxicity Based on available data, the classification criteria are not met.
- LD/LC50 values that are relevant for classification:

1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane

Oral	LD50	>15,000 mg/kg (rats)
------	------	----------------------

Dermal LD50 23,000 mg/kg (Kan)

38640-62-9 Diisopropylnaphtalene

Oral	LD50	>4,000 mg/kg (rats) (OECD 401)
Dermal	LD50	>4,000 mg/kg (rats) (OECD 402)

(Contd. on page 6)

GB

Version number 14

Revision: 25.02.2021

Trade name: ALFIX C2 EPOXY (A-Komp.)

		(Contd. of page 5
Inhalativ	e LC50/4	h 5.64 mg/l (rats)
68609-9 Oral Dermal	7-2 oxira LD50 LD50	ne, mono[(C12-14-alkyloxy)methyl] derivs >5,000 mg/kg (rats) >4,500 mg/kg (rabbit)
Epoxy F Oral Dermal	Phenol N LD50 LD50	ovolak Resin >5,000 mg/kg (rats) (OECD 401) >2,000 mg/kg (rats) (OECD 402)
Oral Dermal	LD50 LD50	ction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2) 2,190 mg/kg (rats) >2,000 mg/kg (rabbit) ms in biological assay:
NOAEL Skin co The proc Causes Serious Respira Germ co Carcino Reprodu STOT-s STOT-re Aspirati Addition 11.2 Infe	~170 mg, rrosion/in duct has a skin irrita eye dam tory or s ell mutag genicity uctive to ingle exp epeated of on hazar hal toxico ormation ine disru	an irritate-effect. tion. age/irritation Causes serious eye irritation. kin sensitisation May cause an allergic skin reaction. enicity Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. xicity Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. exposure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. exposure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met. bosure Based on available data, the classification criteria are not met.
1675-54	-3 2,2'-[(1	-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane: List II
	Ероху	Phenol Novolak Resin: List II
541-02	-6 2,2,4,4	,6,6,8,8,10,10-decamethylcyclopentasiloxane: List II

128-37-0 Butylated hydroxytoluene: List II

SECTION 12: Ecological information

· 12.1 Toxicity

Aquatic toxicity:

1675-54-3 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane

LC50/96h 2 mg/l (for)

EC50 (48h) (static) 1.8 mg/l (Daphnia magna)

ERC50 (static) 11 mg/l /72h (Scenedesmus capricornutum)

IC50 >42.6 mg/l /18h (bacterial toxicity)

38640-62-9 Diisopropylnaphtalene

LL50 1.7 mg/l /48h (Daphnia magna) (OECD 202)

68609-97-2 oxirane, mono[(C12-14-alkyloxy)methyl] derivs

LC50/96h >5,000 mg/l (rainbow trout)

EC50 (48h) (static) 7.2 mg/l (Daphnia magna) (OECD 202)

EC/LC50 (72h) 844 mg/l (algae toxicity)

(Contd. on page 7)

Version number 14

Revision: 25.02.2021

Trade name: ALFIX C2 EPOXY (A-Komp.)

IC50 (stati	(Contd. of page
	ic) >100 mg/l /3h (activated sludge bacteria) (OECD 209)
NOEC	500 mg/l /72h (Pseudokirchneriella subcapitata)
Epoxy Ph	enol Novolak Resin
LC50/96h	
EC50 (48h	n) 2.55 mg/l (Daphnia magna)
EC50	1.8 mg/l (Selenastrum capricornutum) (OECD 201)
IC50 (stati	ic) >100 mg/l /3h (activated sludge bacteria)
933999-84	4-9 Reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2)
LC50/96h	
EC50 (48h	n) 47 mg/l (Daphnia magna)
	23.1 mg/l (algae toxicity)
	istence and degradability No further relevant information available.
	ccumulative potential No further relevant information available.
	ility in soil No further relevant information available.
	Ilts of PBT and vPvB assessment
PBT: Not a	applicable.
	ocrine disrupting properties
	ation on endocrine disrupting properties see section 11.
	r adverse effects
Additiona	Il ecological information:
General n	
General n Water haz	zard class 2 (Self-assessment): hazardous for water.
General n Water haz Do not allo	card class 2 (Self-assessment): hazardous for water. Dow product to reach ground water, water bodies or sewage system.
General n Water haz Do not allo	zard class 2 (Self-assessment): hazardous for water.
General n Water haz Do not allo Danger to	zard class 2 (Self-assessment): hazardous for water. ow product to reach ground water, water bodies or sewage system. drinking water if even small quantities leak into soil.
General n Water haz Do not allo Danger to SECTION	 dard class 2 (Self-assessment): hazardous for water. bw product to reach ground water, water bodies or sewage system. drinking water if even small quantities leak into soil. 13: Disposal considerations
General n Water haz Do not allo Danger to SECTION 13.1 Wast	 card class 2 (Self-assessment): hazardous for water. bw product to reach ground water, water bodies or sewage system. drinking water if even small quantities leak into soil. 13: Disposal considerations te treatment methods
General n Water haz Do not allo Danger to SECTION 13.1 Wast Recomme	 dard class 2 (Self-assessment): hazardous for water. bw product to reach ground water, water bodies or sewage system. drinking water if even small quantities leak into soil. 13: Disposal considerations te treatment methods endation
General n Water haz Do not allo Danger to SECTION 13.1 Wast Recomme Can be de	 card class 2 (Self-assessment): hazardous for water. bw product to reach ground water, water bodies or sewage system. drinking water if even small quantities leak into soil. 13: Disposal considerations te treatment methods
General n Water haz Do not allo Danger to SECTION 13.1 Wast Recomme Can be de of the was technical r	 card class 2 (Self-assessment): hazardous for water. by product to reach ground water, water bodies or sewage system. drinking water if even small quantities leak into soil. 13: Disposal considerations te treatment methods endation Posited with household garbage after solidification following consultation with the operator of the disposal facility and the pertinent authorities and under adherence to the necessary regulations.
General n Water haz Do not allo Danger to SECTION 13.1 Wast Recomme Can be de of the was technical r Must not b	 card class 2 (Self-assessment): hazardous for water. by product to reach ground water, water bodies or sewage system. drinking water if even small quantities leak into soil. 13: Disposal considerations te treatment methods endation Posited with household garbage after solidification following consultation with the operators te disposal facility and the pertinent authorities and under adherence to the necessary
General n Water haz Do not allo Danger to SECTION 13.1 Wast Recomme Can be de of the was technical r Must not b system.	 ard class 2 (Self-assessment): hazardous for water. by product to reach ground water, water bodies or sewage system. drinking water if even small quantities leak into soil. 13: Disposal considerations te treatment methods endation Posited with household garbage after solidification following consultation with the operated disposal facility and the pertinent authorities and under adherence to the necessary regulations. be disposed of together with household garbage. Do not allow product to reach sewage
General n Water haz Do not allo Danger to SECTION 13.1 Wast Recomme Can be de of the was technical r Must not b system. European	 A class 2 (Self-assessment): hazardous for water. b w product to reach ground water, water bodies or sewage system. drinking water if even small quantities leak into soil. 13: Disposal considerations te treatment methods endation Peposited with household garbage after solidification following consultation with the operator te disposal facility and the pertinent authorities and under adherence to the necessary regulations. De disposed of together with household garbage. Do not allow product to reach sewage measure catalogue
General n Water haz Do not allo Danger to SECTION 13.1 Wast Recomme Can be de of the was technical r Must not b system. European 08 00 00 V	 ard class 2 (Self-assessment): hazardous for water. by product to reach ground water, water bodies or sewage system. drinking water if even small quantities leak into soil. 13: Disposal considerations te treatment methods endation Posited with household garbage after solidification following consultation with the operated disposal facility and the pertinent authorities and under adherence to the necessary regulations. be disposed of together with household garbage. Do not allow product to reach sewage
General n Water haz Do not allo Danger to SECTION 13.1 Wast Recomme Can be de of the was technical r Must not b system. European 08 00 00 V	card class 2 (Self-assessment): hazardous for water. bw product to reach ground water, water bodies or sewage system. drinking water if even small quantities leak into soil. 13: Disposal considerations te treatment methods endation eposited with household garbage after solidification following consultation with the operator te disposal facility and the pertinent authorities and under adherence to the necessary regulations. be disposed of together with household garbage. Do not allow product to reach sewage waste catalogue WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) DF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES,
General n Water haz Do not allo Danger to SECTION 13.1 Wast Recomme Can be de of the was technical r Must not b system. European 08 00 00 V C S 08 01 00 v	Aste catalogue Waste catalogue Waste Stream The MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) DF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS wastes from MFSU and removal of paint and varnish
General n Water haz Do not allo Danger to SECTION 13.1 Wast Recomme Can be de of the was technical r Must not b system. European 08 00 00 V C S 08 01 00 v 08 01 99 v	The start class 2 (Self-assessment): hazardous for water. Dow product to reach ground water, water bodies or sewage system. drinking water if even small quantities leak into soil. 13: Disposal considerations te treatment methods endation eposited with household garbage after solidification following consultation with the operator at disposal facility and the pertinent authorities and under adherence to the necessary regulations. be disposed of together with household garbage. Do not allow product to reach sewage waste catalogue WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) DF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS wastes from MFSU and removal of paint and varnish wastes not otherwise specified
General n Water haz Do not allo Danger to SECTION 13.1 Wast Recomme Can be de of the was technical r Must not b system. European 08 00 00 V C S 08 01 00 v 08 01 99 v HP4 lit	As and class 2 (Self-assessment): hazardous for water. by product to reach ground water, water bodies or sewage system. drinking water if even small quantities leak into soil. 13: Disposal considerations te treatment methods endation eposited with household garbage after solidification following consultation with the operator te disposal facility and the pertinent authorities and under adherence to the necessary regulations. be disposed of together with household garbage. Do not allow product to reach sewage waste catalogue MASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) DF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS wastes from MFSU and removal of paint and varnish

• Uncleaned packagings:
 • Recommendation: Disposal must be made according to official regulations.

GB (Contd. on page 8)

Version number 14

Revision: 25.02.2021

Trade name: ALFIX C2 EPOXY (A-Komp.)

(Contd. of page 7)

		_
14.1 UN number or ID number		
ADR, ADN, IMDG, IATA	Void	
14.2 UN proper shipping name		
ADR, ADN, IMDG, IATA	Void	
14.3 Transport hazard class(es)		
ADR, ADN, IMDG, IATA		
Class	Void	
14.4 Packing group		
ADR, IMDG, IATA	Void	
14.5 Environmental hazards:	Not applicable.	
14.6 Special precautions for user	Not applicable.	
14.7 Maritime transport in bulk accordi	ing to	
IMO instruments	Not applicable.	
UN "Model Regulation":	Void	

SECTION 15: Regulatory information

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

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment Annex II

None of the ingredients is listed.

- · National regulations
- Technical instructions (air):
- · Class Share in %
- · NK 0.3

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

EUH205 Contains epoxy constituents. May produce an allergic reaction.

· Department issuing data specification sheet: Environment protection department.

- · Contact: Frank Pingel
- Date of previous version: 25.02.2021
- Version number of previous version: 13

(Contd. on page 9)

GB

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 25.02.2021

Version number 14

Revision: 25.02.2021

Trade name: ALFIX C2 EPOXY (A-Komp.)

	(Contd. of page 8)
· Abbreviations and acronyms:	
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent	t concerning the
LD50: Lethal dose, 50 percent	
PBT: Persistent, Bioaccumulative and Toxic	
vPvB: very Persistent and very Bioaccumulative	
Skin Irrit. 2: Skin corrosion/irritation – Category 2	
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2	
Skin Sens. 1: Skin sensitisation – Category 1	
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3	
Asp. Tox. 1: Aspiration hazard – Category 1	
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1	
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2	
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3	
* Data compared to the previous version altered.	
	GB