

SAFETY DATA SHEET

KORROBOND 65 COMPONENT A.

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

PRODUCT NAME KORROBOND 65 COMPONENT A.
 PRODUCT NO. KORRO65A
 SUPPLIER ITW Korroflex
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2 HAZARDS IDENTIFICATION

May cause sensitisation by skin contact. Irritating to eyes and skin. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xi;R36/38. R43. R52/53.

HUMAN HEALTH

Preparation contains an epoxy resin, which may cause sensitisation and development of allergy.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-METHOXY-1-METHYLETHYL ACETATE	203-603-9	108-65-6	< 1%	R10 Xi;R36
BENZYL ALCOHOL	202-859-9	100-51-6	1-5%	Xn;R20/22
EPOXY RESIN (Number average MW <= 700)	500-033-5	25068-38-6	10-30%	R43 Xi;R36/38 N;R51/53
PHENOL,POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER		28064-14-4	10-30%	Xi;R36/38. N;R51/53. R43.
SILICA SAND	238-878-4	14808-60-7	30-60%	-
STODDARD SOLVENT; LOW BOILING POINT NAPHTHA- UNSPECIFIED <0.1% BENZENE	232-489-3	8052-41-3	< 1%	Xn;R65. N;R51/53. R10.
TITANIUM DIOXIDE	236-675-5	13463-67-7	< 1%	-

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Avoid contact with skin and eyes. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

INHALATION

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Contact physician if discomfort continues.

INGESTION

Rinse mouth thoroughly. DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention immediately!

SKIN CONTACT

Remove affected person from source of contamination. Wash skin thoroughly with soap and water for several minutes. Contact physician if irritation persists.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. Contact physician if irritation persists.

5 FIRE-FIGHTING MEASURES

KORROBOND 65 COMPONENT A.

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Keep up-wind to avoid fumes. Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.

SPECIFIC HAZARDS

By heating and fire, irritating vapours/gases may be formed.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Warn everybody of potential hazards and evacuate if necessary. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Absorb spillage with non-combustible, absorbent material. Transfer to a container for disposal. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Use only in well-ventilated areas. Keep away from heat, sparks and open flame. Open drum carefully as content may be under pressure. Avoid contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
2-METHOXY-1-METHYLETHYL ACETATE	WEL	50 ppm(Sk)	274 mg/m3(Sk)	100 ppm(Sk)	548 mg/m3(Sk)	
SILICA SAND	WEL		0.3 mg/m3 Resp Dust, HK			
STODDARD SOLVENT; LOW BOILING POINT NAPHTHA- UNSPECIFIED <0.1% BENZENE	WEL	100 ppm				
TITANIUM DIOXIDE			10 mg/m3 total dust			

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash, quick drench.

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

KORROBOND 65 COMPONENT A.**HAND PROTECTION**

Use protective gloves made of: Rubber or plastic.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENE MEASURES

Keep away from food, drink and animal feeding stuffs. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Change work clothing daily before leaving work place.

SKIN PROTECTION

Wear apron or protective clothing in case of contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous liquid		
COLOUR	Light (or pale) Grey		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	>200	MELTING POINT (°C)	n/d
RELATIVE DENSITY	1.5 20 °C	VAPOUR PRESSURE	<0.01 mmHg
FLASH POINT (°C)	> 200	AUTO IGNITION TEMPERATURE (°C)	>400

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time. Avoid exposure to high temperatures or direct sunlight.

MATERIALS TO AVOID

Avoid contact with acids and oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Vapours/gases/fumes of: Acids - organic. Aldehydes.

11 TOXICOLOGICAL INFORMATION**GENERAL INFORMATION**

Preparation contains an epoxy resin, which may cause sensitisation and development of allergy.

SKIN CONTACT

Irritating to skin. Prolonged and frequent contact may cause redness and irritation. May cause sensitisation by skin contact.

EYE CONTACT

Irritating to eyes. Risk of corneal damage.

HEALTH WARNINGS

Prolonged or repeated exposure may cause severe irritation.

ROUTE OF ENTRY

Inhalation. Ingestion. Skin absorption.

Name	EPOXY RESIN (Number average MW <= 700)
Toxic Dose 1 - LD 50	>2000 mg/kg (oral rat)
Toxic Dose 2 - LD 50	>2000 mg/kg (oral rat)

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

Avoid release to the environment. The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

KORROBOND 65 COMPONENT A.

MOBILITY

Do not discharge into drains, water courses or onto the ground.

WATER HAZARD CLASSIFICATION

WGK 2

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

WASTE CLASS

08 04 99

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

ADR CLASS

Not classified for transportation.

MARINE POLLUTANT

No.

15 REGULATORY INFORMATION

LABELLING



Irritant

CONTAINS

EPOXY RESIN (Number average MW <= 700)

PHENOL,POLYMER WITH FORMALDEHYDE,GLYCIDYL ETHER

RISK PHRASES

R43

May cause sensitisation by skin contact.

R36/38

Irritating to eyes and skin.

R52/53

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

SAFETY PHRASES

S24/25

Avoid contact with skin and eyes.

S26

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

S28

After contact with skin, wash immediately with plenty of water.

S37/39

Wear suitable gloves and eye/face protection.

P5

Contains epoxy constituents. See information supplied by the manufacturer.

16 OTHER INFORMATION

REVISION DATE

16/01/2009

REV. NO./REPL. SDS GENERATED 17

DATE

16.03.2005

KORROBOND 65 COMPONENT A.

RISK PHRASES IN FULL

NC	Not classified.
R10	Flammable.
R20/22	Harmful by inhalation and if swallowed.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.