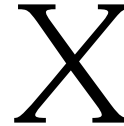


**TRS Zinc-Epoxy HB PART B
0012****SUMMARY**
-----CAS No.:
FORMULA:

SAFECHM No.: 2180



FLAMMABL

HARMFUL

HAZARD

- R-20/21/22 Harmful by inhalation, in contact w/ skin and if swallowed
- R-33 Danger of cumulative effects
- R-36/38 Irritating to eyes and skin
- R-43 May cause sensitization by skin contact

PRECAUTION

- S-16 Keep away from sources of ignition - No Smoking
- S-33 Take precautionary measures against static discharges
- S-38 In case of insufficient ventilation, wear suitable respiratory equipment
- S-42 During fumigation/ spraying wear suitable respiratory equipment

EMERGENCY AND FIRST AID PROCEDURES
-----**EYE CONTACT:** Promptly wash eyes with lots of water while lifting eye lids.

Continue to rinse for at least 15 minutes and get medical attention.

SKIN CONTACT: Remove victim from source of contamination.

Promptly wash contaminated skin/ w/soap or mild detergent and water.

Promptly remove clothing if soaked through and wash as above.

INHALATION: Move the exposed person to fresh air at once.

Perform artificial respiration if breathing has stopped.

Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

Get medical attention immediately!

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

CONER' S FIRST AID REF.: FA

SPILLAGE REF.: SP

TRS Zinc-Epoxy HB PART B
0012

DISPOSAL AND PRECAUTIONG

WASTE DISPOSAL

Confirm disposal procedures w/ environm. Engineer & local regulations
Do not allow runoffs: This chemical is toxic for organisms in water.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep in cool, dry, ventilated storage and closed containers.
Flammable liquid storage

OTHER PRECAUTIONS:

Keep away from heat, sparks and open flame.
Avoid spilling, skin and eye contact
Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level
Read and follow manufacturer' s recommendations

PROTECTION AND CONTROL

RESPIRATORY PROTECTION:

PROTECTIVE GLOVES: Use protective gloves made of polyvinyl acetate, viton rubber (fluor rubber)

EYE PROTECTION:

Wear safety goggles or face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Provide eyewash, quick drench

VENTILATION REQUIREMENTS:

All handing to take place in well ventilated area.

TRS Zinc-Epoxy HB PART B
0012**Health data**

ROUTES OF ENTRY: No route of entry noted

TARGET ORGANS: Unknown health impact

TOXICITY RATING:

PERMISSIBLE EXPOSURE LIMITS

EH40: (8hrs) :

EH40: (10 MIN) :

IN- HOUSE EXP. LIMIT:

CARCINOGENICITY:

NIP? NO

IARC? NO

OSHA? NO

Not classified in EH40

HEALTH WARNINGS

ACUTE & CHRONIC HEALTH HAZARDS

NERVOUS SYSTEM

Swallowing concentrated chemical may cause sever internal injury

SIGNS AND SIMPTOMS OF EXPOSURE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No notation of medical conditions generally aggravated by exposure.

TRS Zinc-Epoxy HB PART B
0012**FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (C):	12	AUTO IGNITION TEMP. (C):	340
FP METHOD: N/A		EXPLOSION LIMITS: - lower %	1
		- upper %	12

NFPA FLAMMABILITY RATING: Unknown flammability

CPL HAZARD CLASS:

EXTINGUISHING MEDIA: dry chemicals, sand, dolomite etc., halon.
Powder, foam or co2

SPECIAL FIRE FIGHTING PROCEDURES:

Avoid water in straight hose stream: will scatter and spread fire.

Move container from fire area if it can be done without risk.

EVACUTION PROCEDURES:

Isolate in all directions if tank car or truck is involved in fire.

Keep unnecessary people away, isolate hazard area and deny entry.

NIOSH RESPIRATOR RECOMMENDATION:

UNUSUAL FIRE &EXPLOSION HAZARDS:

Generates massive smoke during fire.

FIRE HAZARD RATING

* NFPA rating: 0=insignificant 4=extreme

HEALTH RISK FLAMMABILITY REACTIVITY TOXICITY 0

**TRS Zinc-Epoxy HB PART B
0012**

PHYSICAL & CHEMICAL CHARACTERISTICS

ATTRIBUTE	VALUE	ATTRIBUTE	VALUE
BOLING POINT (CC/ 760 mmHg):		SPECIFIC GRAVITY:	0.92
VAPOUR PRESSURE (mmHg)		MELTING POINT (C) :	
VAPOUR DENSITY(air=1)	> 1	EVAPORATION RATE (BuAc=1) :	
PERCENT VOLATILE BY VOLUME :		DECOMPOSIT . TEMP . (C) :	
MOL . WEIGHT :			
SOLABILITY VALUE (g / 100 g H2O 20C) :			

DESCRIPTIONS

SOLUBILITY : no description noted
 APPEARANCE : fluid
 COLOR : colourless
 ODOUR/TASTE : solvent

REGULATORY DATA

MAIN STATUTORY CONTROLS :

SUPPLIER NAMES :
 STAR MALING OG LAKKFABRIKK A/S
 Postboks 593
 3412 LIERSTRANDA NORWAY
 03-841500 TELEFAX: 03- 841208

HAZARD DATA SHEETS FROM SUPPLIER (S) ?

TRANSPORT DATA

CAS NO. :		HAZCHEM CODE NO. :	
CPL LABLE FOR CONVEYANCE :		CEFIC TEC (R) NO. :	30 G 80
ADR ID NO. :	1263	ADR CLASS NO. :	
ADR HAZARD NO.:		ADR ITEM NO. :	5b
ADR LABLE :			
SEA TRANSPORT:(IMCO) CLASS	3.2	COMPATIBILTY:3268 PACK GROUP :	
		IMCO LABEL :	
AIR TRANSPORT : (ICAO) CLASS		SUB CLASS:	
RAIL TRANSPORT : (RID) CLASS	3	Pt. :	5b
		PACK GROUP :	

TRS Zinc-Epoxy HB PART B**0012****CHEMICAL DATA**

CAS NO. : UN NO. : 1263 SAFECHEM NO. : 2180
FORMULA :

SYNONYMS and TRADE NAMES : #) Trade names
F – 30766

INGREDIENTS

INGREDIENT NAME	STD	CONTENS	LT EXP L (8 hrs)	ST EXP L (10 min)
ISOPROPYL ALCOHOL	OES	5-10%	400ppm	500ppm
AROMATIC HYDROCARBONES C9-12		5-10%		123mg/m3
XYLENE	OES	30-60%	100ppm(SK)	150ppm(SK)
BUTYL ALCOHOL	OES	5-10%	No std.	50ppm (SK)

REACTIVITY DATA & PHYSICAL HAZARAD

CONDITIONS TO AVOID : heat , sparks , flames
REACTIVITY INDEX : Unknown reactivity
HAZARDOUS DECOMPOSITION OR BYPRODUCTS : Toxic gases / vapours / fumes of ,
carbon monoxide (co)
HAZARDOUS POLYMERIZATION : May occur
WATER REACTIVE ? N / A AIR REACTIVE ? N / A

INCOMPATIBLE SPECIFIC CHEMICALS :

ADDITIONAL INFORMTION

Verified and approved for use by : STAR MALING OG LAKKFABRIK on 28/05/91
Revised by : ENVIRONMENTAL PROTECTION on 28/05/91