

MATERIAL SAFETY DATA SHEET
Comtech Crystal EP40 – Part A

1. IDENTIFICATION OF THE SUBSTANCE / MANUFACTURING COMPANY

PRODUCT NAME : **Comtech Crystal EP40 – Part A**
Manufacturer : **Middle East Bldg. Chemical Ind. LLC**
EMERGENCE TELEPHONE : **TEL : +9716 544 1873**

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIANTS	CAS No.	% WT COMPOSITION
Bisphenol-A-(epichlorhydrin) and epoxy resin	25068-38-6	60-70
(2-Ethylhexyl)oxy (methyl) oxirane	2461-15-6	6-8
Titanium Dioxide	13463-67-7	1-2
Silica, amorphous, fumed, cryst.-free	112945-52-5	1-2
Calcium Carbonate	471-34-1	15-25

3. HAZARDS IDENTIFICATION

HUMAN HEALTH HAZARDS: Prolonged or repeated exposure may be irritating to skin, eyes and mucous membrane

4. FIRST – AID MEASURES

EYE CONTACT : Immediately flush with plenty of water , lift upper and lower eyelids from time to time, if the stimulus appear, immediately seek medical attention.

SKIN CONTACT : Immediately wash with soap and plenty of water, remove contaminated clothing and shoes, if stimulated continuous, seek medical care.

- INGESTION** : Do not induce vomiting, do not put anything into an unconscious person's mouth. Rinse mouth with water, seek medical care immediately.
- INHALATION** : Immediately move to fresh air from the exposure, if not breathing give artificial respiration, if breathing difficult give oxygen; if any symptoms, seek medical advice immediately
- OTHER INFORMATION** : In case of accident or if you feel unwell, seek medical device immediately. Bring the safety data sheet. Never give anything by mouth to an unconscious person.

5. FIRE- FIGHTING MEASURES

- IN GENERAL** : In any case the fire, wear self-suction pressure to meet the requirement of the ventilator MSHA / NIOSH (or equivalent standard), with full protection. In fire conditions due to thermal decomposition may produce irritation or toxic gases.
- EXTINGUISHING MEDIA** : Use water spray to keep containers cool with water spray, carbon dioxide, dry powder or appropriate foam.

6. ACCIDENTAL EMERGENCY:

- GENERAL INFORMATION** : Select the appropriate personal protective equipment.
- DISCLOSURE** : To absorb with inert material (such as vermiculite, sand or soil) and then placed in an appropriate waste container. Move away all sources off ignition, ventilation. Do not let the material come into the drainage system.

7. HANDLING AND STORAGE

- OPERATING** : To maintain proper air circulation, avoid inhalation of dust, vapor, mist or gas. Avoid contact with eyes, skin and clothing, avoid ingestion. Keep away from heat and fire. Avoid prolonged exposure.
- STORAGE** : Store in a dry, ventilated place. Keep container seal. Keep away from fire.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES	:	Chose the right ventilation, use and storage of tge materials should be equipped with eyewash and shower equipment, using general ventilation to ensure that the local concentration of air within limited lever.
EYE PROTECTION	:	Wear protective safety glasses.
SKIN:		Wear appropriate protective gloves to prevent skin exposure.
CLOTHING:		Wear appropriate protective clothing to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Paste
 Odor: Slight characteristic odor.
 Boiling Point: > 100 deg C°
 Flash Point N. A.
 Explosion Limits: Lower: Not available
 Explosion Limits: Upper limit: Not available
 Decomposition Temperature: Not available
 Solubility in water: Non Soluble

10. STABILITY AND REACTIVITY

Stability: Under normal temperature and pressure stability.
 Conditions to avoid: Incompatible materials, fire, overheating.
 Incompatible materials: Strong oxidizers, acids, alkalis.
 Hazardous decomposition products: Irritation or toxic smoke or gases, carbon dioxide, carbon monoxide.
 Hazardous polymerization : None

11. TOXICOLOGICAL INFORMATION

SKIN CONTACT	:	prolonged or repeated skin contact may Results in allergic eczema (redness, blistering).
EYE CONTACT	:	May cause redness and sting.

RTECS: CAS # 9009-54-5: TR7875000
 LD50/LC50: Not available
 Carcinogenicity: polyurethane – have not been adequately studied.
 Other: In the context of our knowledge, the substance of the physical, chemical and toxicological properties have not been adequately studied.

12. ECOLOGICAL INFORMATION

Ecological toxicity: Not available
 Other: Do not go directly to the drainage system.

13. DISPOSAL CONSIDERATIONS

WASTE OF RESIDUES : Disposal according to the local legislation.
 Forward for disposal. Combustion in an
 Incinerator for hazardous waste.
CONTAMINATED PACKAGING : Disposal according to the local legalization.

14. TRANSPORT INFORMATION: Free for transport regulations.

	IATA	IMO	RID	ADR
Proper shipping	No control	No control	No control	No control

15. REGULATIONS:

Regulatory information: Consult your local, national and EU / international regulations.
 Danger sign: Not available
 Dangerous terms: no information
 Safety Description:
 S 24/25 Avoid contact with eyes and skin.
 S 26 In case of contact with eyes, rush immediately with plenty of water and seek medical advice.
 S 37/39 Wear suitable gloves and eye / face protection.

16. FURTHER INFORMATION:

MSDS Preparation date: July 29, 2012
 This MSDS information is based on our current information of the materials, just to describe the product's health, safety and environmental requirements to enable a better understanding of the parties concerned. This information is provided to you for study and confirmation. The risk and damage prevention measures described is not unique. One use of such information without any implied warranties or description. Middle East BldgChem Ind. does not assume any liability. So this MSDS cannot achieve the guarantee of any specific purpose. The relevant user has responsibility to test the safety of this product in advance, and to judge whether they meet your use purpose.