

MATERIAL SAFETY DATA SHEET**CONDUR EA1****Part A****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

Product Name	Condur EA1 Part A
Product Use	Structural Epoxy Adhesive, Fixing and Repair Paste/Filler
Company Name	Cormix International Ltd.
Address	89, Romklao Road, Minburi District, Sansab Subdistrict, Bangkok 10510 Thailand
Contact no.	Tel: +66 2 917 3955-8 Fax: +66 2 917 3959, 543 8891
Other Information	This MSDS summaries at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Cormix International Ltd. cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard term and conditions, a copy of which is sent to our customers and is also available upon request.

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization:	Unmodified epoxide resin		
Ingredients	Name	CAS	Proportion
	Reaction product of Epichlorohydrin and Bisphenol A	025068-38-6	25-50%
	Silicon Dioxide	14808-60-7	40-50%
	Others	not given	2-5%

3. HAZARDS IDENTIFICATION

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

Eye Hazards :	May cause eye irritant.
Skin Hazards :	May cause skin irritation.
Ingestion Hazards :	May cause stomach discomfort.
Inhalation Hazards :	May cause slight respiratory irritation.

Material Safety Data Sheet: CONDUR EA1 : Part A

4. FIRST AID MEASURES

- Eye Contact :** Remove contact lenses, keep eyelids open. Flush with plenty of water 10-15 minutes. Call a physician.
- Skin Contact :** Immediately remove all contaminated clothing. Wash away with soap and water and rinse. DO NOT use solvents or thinners.
- Ingestion :** Contact a doctor immediately. Keep at rest. DO NOT induce vomiting.
- Inhalation :** Take the casualty into the fresh air and keep warm. Keep at rest. Irregular breathing : artificial respiration.
Unconsciousness : lateral position - call a physician.

5. FIRE FIGHTING MEASURES

- Suitable extinguishing agents :** Alcohol resistant foam, CO₂, powders, water spray.
- Unsuitable extinguishing agents :** Waterjet.
- Special risk posed by the Substance or by the actual Preparation, its combustion products or gases discharged** : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
- Special protective equipment :** Appropriate breathing apparatus may be required.
- Additional information** : Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

6. ACCIDENTAL RELEASE MEASURES

- Personal precaution** : Remove ignition sources. Provide for sufficient ventilation. Do not inhale the vapour.
- Environmental precautions** : Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.
- Measure for cleaning** : Contain and collect spillage with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations. Clean preferably with a detergent; avoid use of solvents.

Material Safety Data Sheet: CONDUR EA1 : Part A

7. HANDLING AND STORAGE

Handling and Storage Precautions Container should be kept dry and sealed. Avoid heating and direct sunlight. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original one. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

Work/Hygienic Practices Avoid contact with skin and eyes. Do not eat or drink during work - no smoking. Comply with the health and safety at work laws. Wash thoroughly after using product.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of vapours or particles below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn.

Hygienic Measures Experts always wear the right protective clothing. Wash hands before breaks and after work.

Eye/Face Protection Safety glasses with side shields.

Skin Protection Wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber. All parts of the body should be washed after contact.
Butylrubber ≥ 0.5 mm. $> = 480$ min. After washing hands replace lost skin fat containing skin creams. By using other gloves with a lower endurance, change them more often.

Respiratory Protection If workplace limits are exceeded, a gas mask approved for this purpose must be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	cream paste
Odour:	mild epoxy
Changes in Physical state:	No statement possible.
Density Mixed(20°C) Kg/l:	approx. 1.8
Viscosity:	Viscous
Water solubility:	not soluble
pH value:	N/A
Flash point:	Approx. 100 °C (B)
Ignition Temp.:	N/A
Explosion Limits:	N/A
Thermal decomp.:	> 170 °C (B)
Hazardous decomposition products:	Carbon dioxide, carbon monoxide, nitrogen compounds.
Hazardous reactions:	oxidising agents

Material Safety Data Sheet: CONDUR EA1 : Part A

10. STABILITY AND REACTIVITY

Thermal decomposition / Conditions to be avoided	Stable under recommended storage and handling condition.
Dangerous reactions	Be careful of exothermic reactions with amines.
Dangerous product of composition	When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Experience on practice	In case of contact with the product : danger of resorption through the skin/mucous membranes. Eye contact : irritation. Skin contact : frequent and prolonged skin contact may cause irritation and skin inflammation. Susceptible people may suffer allergic reactions.
Additional toxicological information	The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

12. ECOLOGICAL INFORMATION

Degradation: Theoretical oxygen demand (ThoD) is calculated to be 2.35 p/p. In the atmospheric environment, material is estimated to have a tropospheric half-life of 1.92 hr. Biodegradation reached in Modified Zahn-Wellens / EMPA Test (OECD Test No. 302B) after 28 days: 12%. 20 day biochemical oxygen demand (BOD20) is <2.5%.

13. DISPOSAL CONSIDERATIONS

Do not empty into waters or drains. The unused product is slight water pollutant. Large quantities may be toxic to fish. No special environmental considerations. Recycle containers wherever possible. Uncleaned packaging must be disposed of in the same manner as the medium.

All disposal methods must be in compliance with all applicable federal, state/provisional and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

14. TRANSPORT INFORMATION

Department of Transportation: For D.O.T. regulatory information, if required consults transportation regulations, product shipping papers.

Canadian TDG information: For TDG regulatory information, if required, consult transportation regulations, product shipping papers.

Material Safety Data Sheet: CONDUR EA1 : Part A

15. REGULATORY INFORMATION

U.S. Regulatory Information	All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
SARA Section 313 Notification	This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

16 OTHER INFORMATION

Restrictions on use recommended by the manufacturer

For Grouting purposes - use only according to the Technical Information of the product.

Contact Person/Point Technical Support: +66 2 917 3955-8

Disclaimer

*For general safety and handling information please refer to **Cormix International Ltd.** The information shown is based on our experience to date and is true to the best of our knowledge. Any recommendations or suggestions made are without any guarantee. No responsibility is accepted that the information herein is sufficient or correct in all cases.*