



MATERIAL SAFETY DATA SHEET

GT BOND EP BASE

REV. NO.001 /SDS/23
REVISION DATE 01/02/2023
VERSION: 1.0

1. Identification Of The Substance/Preparation And Of The Company/Undertaking

Product: GT BOND EP BASE

Application: Epoxy Base Bonding Agent

Recommended use: Base component of epoxy bonding agent.

Manufacturer/supplier information:

Manufacturer/supplier:

Manufacturer Address:

ASAS Construction Chemicals Factory

Street No. 38, Industrial Area, Qatar

Email : info@asas-ccf.com

Tel : +974 – 44337000

Fax : +974 – 44337100

2. Composition/information on ingredients

Hazardous ingredients:

INGREDIENT	EC No.	CAS No	CONCENTRATION
Epoxy Resin	500-033-5	25068-38-6	30-60%
Reactive Diluent			05-20%

3. Hazard identification

Irritating to eyes and skin. May cause sensitisation by skin contact. May cause harm to the unborn child. Possible risk of impaired fertility. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION (1999/45) Repr. Cat. 2;R61. Repr. Cat. 3;R62. Xi;R36/38. R43. N;R51/53.

ENVIRONMENT

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

HUMAN HEALTH

Contains a substance/a group of substances which may impair fertility. Contains a substance/a group of substances which may cause harm to the unborn child..

4. First-aid measures

Inhalation:

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Keep affected person under observation. Seek medical advice if effects persist.

Skin contact:

Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water.



مصنع أساس كيمويات البناء
ASAS CONSTRUCTION CHEMICAL FACTORY



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Eye contact:

Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues

Ingestion:

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

5. Fire-fighting measures

Special protective precautions and equipment:

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

Suitable extinguishing media:

Extinguish with carbon dioxide or dry powder

6. Accidental release measures

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Absorb small quantities with paper towels and evaporate in safe place (fume hood). Allow sufficient time for vapours to completely clear the hood ducts, then burn the paper in a location away from combustible materials. Flush spilled material into suitable retaining areas or container with large quantities of water.

7. Handling and storage

USAGE PRECAUTIONS

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

STORAGE PRECAUTIONS

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

STORAGE CLASS

Toxic storage.

8. Exposure controls/personal protection

PROTECTIVE EQUIPMENT





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PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

Respiratory protection may be required.

HAND PROTECTION

Use protective gloves made of: Rubber, neoprene or PVC.

EYE PROTECTION

Wear goggles/face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

Use appropriate skin cream to prevent drying of skin. Wash at the end of each work shift and before eating, smoking and using the toilet.

Wash promptly with soap & water if skin becomes contaminated.

9. Physical and chemical properties

Appearance:

Physical state:

Viscous liquid.

Colour:

White.

Odour:

Mild.

Water Solubility:

Immiscible with water.

Relative Density (at 20°C):

1.12 ± 0.1

Flash Point (closed, °C):

> 150 °C

10. Stability and reactivity

STABILITY

Stable under the prescribed storage conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Acrid smoke/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. Toxicological information

INHALATION

Irritating to respiratory system.

INGESTION

Toxic if swallowed.

SKIN CONTACT



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May cause sensitisation by skin contact. Irritating to skin.

EYE CONTACT

Irritating and may cause redness and pain.

ROUTE OF ENTRY

Ingestion. Skin and/or eye contact.

TARGET ORGANS

Eyes Skin

12. Ecological information

ECOTOXICITY

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

DEGRADABILITY

This product is expected to be not readily biodegradable.

13. Disposal considerations

Refer to State/Territory Land Waste Management Authority.

Disposal must be in accordance with local and national legislation.

Unused Product: Must be dumped or incinerated in accordance with local regulations.

Recycle if possible.

14. Transport information

PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (EPOXY RESIN (Number average MW <= 700)
UN NO. ROAD	3082
ADR CLASS NO.	9
ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III
TUNNEL RESTRICTION CODE	(E)
HAZARD No. (ADR)	90
ADR LABEL NO.	9
HAZCHEM CODE	•3Z
UN NO. SEA	3082
IMDG CLASS	9
IMDG PACK GR.	III
EMS	F-A, S-F
UN NO. AIR	3082
AIR CLASS	9
AIR PACK GR.	III





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15. Regulatory information



Toxic



Dangerous for the environment

CONTAINS

EPOXY RESIN (Number average MW \leq 700)

RISK PHRASES

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.

R61

May cause harm to the unborn child.

R62

Possible risk of impaired fertility.

SAFETY PHRASES

S25

Avoid contact with eyes.

S26

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

S36/37/39

Wear suitable protective clothing, gloves and eye/face protection.

S38

In case of insufficient ventilation, wear suitable respiratory equipment.

S45

In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

S53

Avoid exposure - obtain special instructions before use.

S57

Use appropriate containment to avoid environmental contamination.

S60

This material and its container must be disposed of as hazardous waste.

S61

Avoid release to the environment. Refer to special instructions/safety data sheets.

P5

Contains epoxy constituents. See information supplied by the manufacturer.

P11

Restricted to professional users.

ENVIRONMENTAL LISTING

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

CHIP for everyone HSG(108).





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16: OTHER INFORMATION

RISK PHRASES IN FULL

R36/38	Irritating to eyes and skin.
R61	May cause harm to the unborn child.
R43	May cause sensitisation by skin contact.
NC	Not classified.
R62	Possible risk of impaired fertility.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50	Very toxic to aquatic organisms

Users must always refer to the most recent data sheet. Upon request, additional copies will be provided. This technical data sheet is given in good faith and does not guarantee the optimum utility of the product always. The information contained herein is believed to be reliable to the best of our knowledge. ASAS is exempted from all legal liability in case of injury incurred from product handling without appropriate technical precautions. ASAS reserves the right to change the product specifications or properties. All orders are considered based on current delivery and sale infrastructures.

The contents of this document are pertaining to the application and usage of Gulftight products, are given based on the technical expertise of capable personnel concerning the product. The handling and storage of the item has been kept under supervision, observation and extensive research has been conducted to ensure its efficiency under normal conditions.