

MATERIAL SAFETY DATA SHEET

weberep epo 650 I *Formerly "Conrep.I 650" Part A*

EDITION: Aug.2014

1. IDENTIFICATION

PRODUCT NAME: **weberep epo 650 I**

DESCRIPTION : Very low viscosity epoxy injection resin

SUPPLIER / MANUFACTURER:

SODAMCO Qatar: Rayan Road Al Musheireb, P.O. Box 22520- Doha-QATAR

SODAMCO UAE: Industrial city, ICAD III, P.O. Box 96082 Abu Dhabi – UAE

Al Quoz industrial area, P.O. Box 31320 Dubai - UAE

SODAMCO KSA: Bin Abdul Aziz Str., P.O. Box 222 –Jeddah 21411- KSA

Salahuddin Al Ayoubi Str. Bldg No.5 Riyadh - KSA

SODAMCO Jordan:Tha'labah al ameli Str., P.O. Box 710844 Amman 11171- JORDAN

SODAMCO Lebanon: Nahr el-Mot - Beirut- LEBANON

SODAMCO S.A.L: Main Road, Hosrayel (jbeil), P.O. Box 11-9666- Beirut-LEBANON

SODAMCO Kuwait: P.O. Box 496 Salmiya 20005 State of Kuwait

SODAMCO Syria: Kafarsouseh – Damascus Syria

SODAMCO Muscat: Al Khuwair, P.O.Box 1094 PC 133, CPO, Muscat – OMAN

INFORMATION:

SODAMCO Qatar: 00 974 4 4423816 –SODAMCO UAE: 00971 4 347 2640 - 00971 2 550 9994

SODAMCO KSA: 00966 12 668 3295 / 966 11 473 8751 – SODAMCO Jordan: 00962 6 4200417 –

SODAMCO Lebanon: 00961 70 258 393 – SODAMCO S.A.L: 00961 9 790 920 – SODAMCO Syria:

00963 11 214 5548 – SODAMCO Kuwait: 00965 2 571 6404 – SODAMCO Muscat : 00968 24 21 83 61

2. COMPOSITION / INGREDIENTS

Substance / Preparation : Preparation.

This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS nr	EINECS nr	EC index	REACH	CERTIFICATE
Bisphenol F-epichlorhydrine resin, MW <700 :	15 - 25 %	9003-36-5	Xi; R36/38 R43 N; R51-53 ----- Eye irrit. 2 Skin Irrit. 2 Skin Sens.1 Aquatic Chronic 2
Reaction product: bisphenol-A- (epichlorhydrin) epoxy resin (number average molecular weight <= 700) :	35 - 45 %	25068-38-6	500-033-5	603-074-00-8	Xi; R36/38 R43 N; R51-53 ----- - Eye irrit. 2 Skin Irrit. 2 Skin Sens.1 Aquatic Chronic 2

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Epoxide derivatives mw ≤ 700 : 35 - 45 %

Xi; R36/38
R43
R52-53

Eye irrit. 2
Skin Irrit. 2
Skin Sens. 1
Aquatic Chronic 3

3. HAZARDOUS IDENTIFICATION

Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Xi; R36/38

R43

N; R51-53

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

Health hazards : Skin irritation - Category 2 - Warning

Eye irritation - Category 2A - Warning (CLP : Eye Irrit. 2)

Skin sensitisation - Category 1 - Warning (CLP : Skin Sens. 1)

Environmental hazards: Hazardous to the aquatic environment - Chronic hazard - Category 2 (CLP : Aquatic Chronic 2)

Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s) : Irritant.



Dangerous for the environment.

R Phrase(s) : R36/38 - Irritating to eyes and skin.

R43 - May cause sensitization by skin contact.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S Phrase(s) : S37 - Wear suitable gloves.

S61 - Avoid release to the environment. Refer to special instructions/Safety data sheets.

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms



Hazard pictograms code : SGH07 - SGH09

Signal words : Warning.

Hazard statements : H319 - Causes serious eye irritation.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H411 - Toxic to aquatic life with long lasting effects.



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Pictograms (Precautionary statements)

Precautionary statements

- Prevention : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response : P302+P352+P362+P332+P313+P321 - IF ON SKIN : Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs : Get medical advice. Specific treatment.
- P305+P351+P338+P337+P313 - IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists : Get medical advice.
- Disposal considerations : P501C - Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Other hazards

None under normal conditions.

4. FIRST-AID MEASURES

Description of first aid measures

First aid

- Inhalation : Assure fresh air breathing. If you feel unwell, seek medical advice.
 - Skin contact : Wash skin with mild soap and water.
 - Eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
 - Ingestion : Never give anything by mouth to an unconscious person.
- DO NOT INDUCE VOMITING. Obtain emergency medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms relating to use

- Inhalation : May cause irritation to the respiratory tract and to other mucous membranes. Breathing difficulties. Chest pain. Cough.
- Skin contact : Redness, pain.
- Eye contact : Redness, pain. Blurred vision. Tears.
- Ingestion : Harmful if swallowed.

Indication of any immediate medical attention and special treatment needed

No data available.

5. FIRE - FIGHTING MEASURES

Extinguishing media

Extinguishing media

- Suitable : All extinguishing media can be used.
- Not to be used : Do not use a heavy water stream.

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Special hazards arising from the substance or mixture

Thermal decomposition generates toxic vapours.

Advice for fire-fighters

Flammable class : Combustible.

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

Prevention : Keep away from sources of ignition. No smoking.

Special procedures : Avoid (reject) fire-fighting water to enter environment. Exercise caution when fighting any chemical fire.

Surrounding fires : Use water spray or fog for cooling exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters.

Notify authorities if product enters sewers or public waters.

Methods and material for containment and cleaning up

After spillage and/or leakage : Collect spills and put it into appropriated container.

Reference to other sections

See section 8 and 13.

7. HANDLING AND STORAGE

Handling : Keep away from food, drink and animal feeding stuffs.

Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

Personal protection : Avoid all unnecessary exposure.

Ensure prompt removal from eyes, skin and clothing.

Technical protective measures : Both local exhaust and general room ventilation are usually required.

Storage : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Personal protection

- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.
- Skin protection : None under normal conditions. Avoid repeated or prolonged skin contact.
- Eye protection : Chemical goggles or safety glasses.

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- Hand protection : Gloves.
- Ingestion : When using, do not eat, drink or smoke.
- Industrial hygiene : Provide local exhaust or general room ventilation.

Occupational Exposure Limits

No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid.
Colour : Yellow.
Odour : Characteristic.
Odour threshold : No data available.
pH : No data available.
Melting point / Freezing point : No data available.
Initial boiling point - boiling range : No data available.
Flash point : No data available.
Evaporation rate : No data available.
Flammability : No data available.
Explosion limits(lower - upper) : No data available.
Vapour pressure : No data available.
Vapour density : No data available.
Density : 1.10 g/ml
Solubility : No data available.
Partition coefficient n-octanol / water : No data available.
Auto-ignition temperature : Not auto-ignitable.
Thermal decomposition : No data available.
Viscosity : 125 mPas (20°C)
Explosive Properties : No data available.
Oxidising properties : No data available.

Other information

No data available.

10. STABILITY AND REACTIVITY

Reactivity

Physico-chemical stability : Reacts with water.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

No data available.

Conditions to avoid

No data available.

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Incompatible materials

No data available.

Hazardous decomposition products

No data available.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicity information : Irritating to eyes, respiratory system and skin.

12. ECOLOGICAL INFORMATION

Toxicity

No data available.

Persistence - degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

Ecological effects information : This product contains hazardous components for the environment.
May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal : Avoid release to the environment.

Dispose of this material and its container at hazardous or special waste collection point.

Dispose in a safe manner in accordance with local/national regulations.

14. TRANSPORT INFORMATION

General information

- UN No. : 3082

- H.I. nr : 90

- Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Reaction product: bisphenol-A- (epichlorhydrin) epoxy resin (number average molecular weight ≤ 700), Epoxide derivatives mw ≤ 700)



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- Hazard Label(s)

: 9 : Miscellaneous dangerous substances and articles.



Land transport

- ADR Class : 9
- ADR Packing group : III

Sea transport

- IMO-IMDG code : Class 9
- IMO Packing group : III
- IMDG-Marine pollution : YES
- EMS-Nr : F-A S-F

Air transport

- ICAO/IATA : Packaging instructions cargo : 914
Packaging instructions passenger: 914
- Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Reaction product: bisphenol-A- (epichlorhydrin) epoxy resin (number average molecular weight ≤ 700), Epoxide derivatives mw ≤ 700)
- IATA - Class or division : 9
- IATA Packing group : III

In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

Personal precautions : The driver shall not attempt to deal with any fire of the load.

Emergency action in case of accident : No naked lights. No smoking. Keep public away from danger area.

NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

Additional information : None.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Ensure all national/local regulations are observed.

Chemical Safety Assessment

No data available.

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16. OTHER INFORMATION

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations

Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IC50: The half maximal Inhibitory Concentration

EC50: The half maximal Effective Concentration

Text of R-Phrases in § 3 :

R36/38 - Irritating to eyes and skin.

R43 - May cause sensitization by skin contact.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information : None.

This safety data sheet should be used in conjunction with the product's technical data sheet. It does not replace it. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.