

MATERIAL SAFETY DATA SHEET

weberep epo 660 I Formerly "Conrep.I 660" Part B

EDITION: Aug.2014

1. IDENTIFICATION

PRODUCT NAME: **weberep epo 660 I**
 DESCRIPTION : Standard 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.AL: 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.

Composition (prepar.)

Substance name	Value(s)	CAS nr	EINECS nr	EC index	REACH	CERTIFICATE
2,4,6-tris(dimethylaminomethyl) phenol :	10 - 25 %	90-72-2	202-013-9	603-069-00-0	.....	Xn; R22 Xi; R35/38 ----- Acute Tox. 4 (oral) Eye Irrit. 2 Skin Irrit. 2
3-aminomethyl-3,5,5-trimethylcyclohexylamine :	20 - 35 %	2855-13-2	220-666-8	612-067-00-9	.....	Xn; R21/22 C; R34 R43 R52-53 ----- Skin Corr. 1B Acute Tox. 4 (skin) Acute Tox. 4 (oral) Skin Sens. 1 Aquatic Chronic 3

MATERIAL SAFETY DATA SHEET

weberep epo 660 I formerly "Conrep.I 660" Part B

EDITION: Aug.2014

Benzyl alcohol :	20 - 35 %	100-51-6	202-859-9	603-057-00-5	.....	Xn; R20/22 ----- Acute Tox. 4 (inhal) Acute Tox. 4 (oral)
m-phenylene bis(methylamine) :	10 - 25 %	1477-55-0	216-032-5	.....	.....	Xn; R20/22 C; R34 R43 R52-53 ----- Skin Corr. 1B Eye Dam 1 Acute Tox. 4 (inhal) Acute Tox. 4 (oral) Skin Sens.1 Aquatic Chronic 3
Phenol :	< 3 %	108-95-2	203-632-7	604-001-00-2	.....	Muta. Cat. 3; R68 T; R23/24/25 Xn; R48/20/21/22 C; R34 ----- Acute Tox. 3 (skin) Acute Tox. 3 H331 Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam 1 Muta. 2 STOT RE 2

3. HAZARDOUS IDENTIFICATION

Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Xn; R20/21/22

C; R34

R43

R52-53

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

• Health hazards :

Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4)

Acute toxicity, dermal - Category 4 - Warning (CLP : Acute Tox. 4)

Skin corrosion - Category 1B - Danger (CLP : Skin Corr. 1B)

Serious eye damage - Category 1 - Danger

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

Germ cell mutagenicity - Category 2 - Warning (CLP : Muta. 2)

• Environmental hazards : Hazardous to the aquatic environment - Chronic hazard - Category 3 (CLP : Aquatic Chronic 3)

Label elements

Labelling EC 67/548 or EC 1999/45

• Symbol(s)



: Corrosive.

• R Phrase(s) :

MATERIAL SAFETY DATA SHEET

weberep epo 660 I Formerly "Conrep.I 660" Part B

EDITION: Aug.2014

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

R34 - Causes burns.

R43 - May cause sensitization by skin contact.

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

• S Phrase(s) :

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.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

Labelling

• Hazard



Regulation EC 1272/2008 (CLP)
pictograms

• Hazard pictograms code : SGH05 - SGH09 - SGH07

• Signal words : Danger.

• Hazard statements :

H302 - Harmful if swallowed.

H312 - Harmful in contact with skin.

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

H341 - Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H412 - Harmful to aquatic life with long lasting effects.

• Pictograms (Precautionary statements)



• Precautionary statements

- General : P202 - Do not handle until all safety precautions have been read and understood.

- Prevention :

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

- Response :

P301+P330+P331+P310+P321 - IF SWALLOWED : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Specific treatment.

P302+P352+P312+P321 - IF ON SKIN : Wash with plenty of soap and water. Call a POISON CENTER or doctor if you feel unwell. Specific treatment.

P304+P340+P310+P320 - IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor.

Specific treatment is urgent.

MATERIAL SAFETY DATA SHEET

weberep epo 660 I *Formerly "Conrep.I 660" Part B*

EDITION: Aug.2014

P305+P351+P338+P310+P321 - IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. Specific treatment.
- 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.

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 : Exercise caution when fighting any chemical fire.

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

MATERIAL SAFETY DATA SHEET

weberep epo 660 | Formerly "Conrep.I 660" Part B

EDITION: Aug.2014

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

Personal protection : Ensure prompt removal from eyes, skin and clothing. Avoid all unnecessary exposure.

Handling : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Keep away from food, drink and animal feeding stuffs.

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

Occupational Exposure Limits

Occupational Exposure Limits : No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state : Liquid.

Colour : Red.

Odour : Characteristic.

MATERIAL SAFETY DATA SHEET

weberep epo 660 | Formerly "Conrep.I 660" Part B

EDITION: Aug.2014

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 : Combustible.
Explosion limits (lower - upper) : No data available.
Vapour pressure : No data available.
Vapour density : No data available.
Density : 1.058 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 : 450 mPas (20°C)
Explosive Properties : No data available.
Oxidising properties : No data available.

Other information

No data available.

10. STABILITY AND REACTIVITY

Reactivity

None under normal conditions.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

No data available.

Conditions to avoid

No data available.

Incompatible materials

Materials to avoid : Acids.

Hazardous decomposition products

Hazardous decomposition products : None under normal conditions.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

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

MATERIAL SAFETY DATA SHEET

weberep epo 660 | Formerly "Conrep.I 660" Part B

EDITION: Aug.2014

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 : No data available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

14. TRANSPORT INFORMATION

General information

- UN No. : 2735
- H.I. nr : 80
- Proper shipping name : POLYAMINES, LIQUID, CORROSIVE, N.O.S.
- **Hazard Label(s)**



: 8 : Corrosive substance.

Land transport

- ADR Class : 8
- ADR Packing group : III

Sea transport

- IMO-IMDG code : Class 8
- IMO Packing group : III
- IMDG-Marine pollution : YES
- EMS-Nr : F-A S-B

MATERIAL SAFETY DATA SHEET

weberep epo 660 I Formerly "Conrep.I 660" Part B

EDITION: Aug.2014

Air transport

- ICAO/IATA : Packaging instructions cargo :
- Packaging instructions passenger:
- Proper shipping name : POLYAMINES, LIQUID, CORROSIVE, N.O.S.
- IATA - Class or division : 8
- 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.

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 :

R20/22 - Harmful by inhalation and if swallowed.
 R21/22 - Harmful in contact with skin and if swallowed.
 R22 - Harmful if swallowed.
 R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.

MATERIAL SAFETY DATA SHEET

weberep epo 660 I formerly "Conrep.I 660" Part B

EDITION: Aug.2014

R34 - Causes burns.

R36/38 - Irritating to eyes and skin.

R43 - May cause sensitization by skin contact.

R48/20/21/22 - Harmful : danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.

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

R68 - Possible risks of irreversible effects.

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.