

MATERIAL SAFETY DATA SHEET

weberdry 610 i Formerly "Conrep.I 610" - Part A

EDITION: Aug.2014

1. IDENTIFICATION

PRODUCT NAME: **weberdry 610 i**

DESCRIPTION: Foam forming water sealing 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: Kafarouseh – 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.

Composition (prepar.)

Substance name	Value(s)	CAS nr	EINECS nr	EC index	REACH	CERTIFICATE
Diphenylmethanediisocyanate, isomers and homologues :	21 - 40 %	9016-87-9	.....	.....	.....	Xn; R20 Xi; R36/37/38 R42/43 ----- Resp. Sens.1 Acute Tox. 4 (inhal) Eye irrit 2 Skin Irrit. 2 STOT SE 3 Skin Sens. 1
	MAC [ppm] : .005					
Diphenylmethane-4,4'-diisocyanate :	11 - 30 %	101-68-8	202-966-0	615-005-00-9	Carc. Cat. 3; R40 Xn; R20-48/20 Xi; R36/37/38 R42/43 ----- Resp. Sens.1 Acute Tox. 4 (inhal) Carc. 2 Eye irrit 2
	TLV-TWA [mg/m3] : .052 TLV-TWA [ppm] : .005 MAC [ppm] : .005 48 H-CE50 - Daphnia magna [mg/l] :					

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1000 LC50-96 Hour - fish [mg/l] : 1000						Skin Irrit. 2 STOT SE 3 Skin Sens. 1 STOT RE 2
Modified MDI :	10 - 20 %	53862-89-8	Xn; R20 Xi; R36/37/38 R42/43 ----- Resp. Sens. 1 Acute Tox. 4 (inhal) Eye irrit. 2 Skin Irrit. 2 STOT SE 3 Skin Sens. 1
Dimethylsuccinate :	1 - 10 %	106-65-0	203-419-9	.....	.....	Xi; R36 ----- Eye irrit. 2
Diphenylmethane-2,4'-di-isocyanate :	2 - 20 %	5873-54-1	227-534-9	615-005-00-9	.....	Carc. Cat. 3; R40 Xn; R20-48/20 Xi; R36/37/38 R42/43 ----- Resp. Sens. 1 Acute Tox. 4 (inhal) Carc. 2 Eye irrit. 2 Skin Irrit. 2 STOT SE 3 Skin Sens. 1 STOT RE 2
Isocyanates, reaction product of polyol with methylenediphenyl Diisocyanate :	1 - 10 %	.....	.....	.....	.....	Xn; R20 Xi; R36/37/38 R42/43 ----- Resp. Sens. 1 Acute Tox. 4 (inhal) Eye irrit. 2 Skin Irrit. 2 STOT SE 3 Skin Sens. 1
Methylenediphenyl diisocyanate :	1 - 10 %	26447-40-5	247-714-0	615-005-00-9	.....	Carc. Cat. 3; R40 Xn; R20-48/20 Xi; R36/37/38 R42/43 ----- Resp. Sens. 1 Acute Tox. 4 (inhal) Carc. 2 Eye irrit. 2 Skin Irrit. 2 STOT SE 3 Skin Sens. 1 STOT RE 2
Polyether-Modified Polysiloxane :	0.01 - 1 %	.....	.....	.....	.....	Xi; R36/38 ----- Eye irrit. 2 Skin Irrit. 2

3. HAZARDOUS IDENTIFICATION

Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Carc. Cat. 3; R40

Xn; R20

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Xi; R36/37/38
R42/43

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)

Respiratory sensitization - Category 1 - Danger (CLP : Resp. Sens. 1)

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

Carcinogenicity - Category 2 - Warning (CLP : Carc. 2)

Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation - Category 3 - Warning (CLP : STOT SE 3)

Specific Target Organ Toxicity - Repeated exposure - Category 2 - Warning (CLP : STOT RE 2)

2) Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s) :



Harmful.

R Phrase(s) : R20 - Harmful by inhalation.

R36/37/38 - Irritating to eyes, respiratory system and skin.

R40 - Limited evidence of a carcinogenic effect.

R42/43 - May cause sensitization by inhalation and skin contact.

S Phrase(s) : S23 - Do not breathe gas/fumes/vapour/spray.

S37 - Wear suitable gloves.

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

Labelling Regulation EC 1272/2008 (CLP)



Hazard pictograms

Hazard pictograms code : SGH08

Signal words : Danger

Hazard statements : H319 - Causes serious eye irritation.

H315 - Causes skin irritation.

H335 - May cause respiratory irritation.

H373 - May cause damage to organs <or state all organs affected, if known>through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H317 - May cause an allergic skin reaction.

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H351 - Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

Pictograms (Precautionary statements)



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Precautionary statements

- Prevention : P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response : P304+P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
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.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
- 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 : Foam.
Carbon dioxide.
Powder.
- Not to be used : Reacts slowly with water, generate gases (CO₂) and overpressure : rupture containers.

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Special hazards arising from the substance or mixture

On exposure to high temperature, may decompose, releasing toxic gases.

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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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

Environmental precautions

Notify authorities if product enters sewers or public waters.

Prevent entry to sewers and 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

Precautions for safe handling

Personal protection : Ensure prompt removal from eyes, skin and clothing.

Handling : 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.

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

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

Conditions for safe storage, including any incompatibilities

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

Specific end use(s)

See technical datasheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Personal protection

- Respiratory protection : Organic Vapour Filters - Class 2 Conforms to EN 141
- Skin protection : None under normal conditions. Avoid repeated or prolonged skin contact.
- Eye protection : Chemical goggles or safety glasses.
- Hand protection : Gloves.

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- 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

Appearance : Liquid.
Colour : Light brown.
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 : Not combustible.
Explosion limits (lower - upper) : Not explosive.
Vapour pressure : No data available.
Vapour density : No data available.
Density : 1,15 g/ml
Solubility in water : Reacts with water.
Partition coefficient n-octanol / water : No data available.
Auto-ignition temperature : Not auto-ignitable.
Thermal decomposition : No data available.
Viscosity : 111 mPas (25°C)
Explosive Properties : Not explosive.
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.
Exothermic reaction with substances which contain active hydrogen groups.
This product reacts slowly with water liberating : Carbon dioxide.

Possibility of hazardous reactions

Reacts slowly with water, generate gases (CO₂) and overpressure : rupture containers.

Conditions to avoid

Moisture.
High temperatures.

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Incompatible materials

Alcohol.
Amines.
Bases.
Acids.
Water.

Hazardous decomposition products

Thermal decomposition generates :
Carbon monoxide.
Carbon dioxide.
Nitrogen oxides.
HCN
Hydrocarbon.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicity information : Irritating to eyes, respiratory system and skin. Persons who are hypersensitive for MDI can react very intense to very small concentrations.

12. ECOLOGICAL INFORMATION

Toxicity

See Heading 3.

Persistence – degradability

Substance reacts with water creating an inert and not biological degradable solid substance.

Bioaccumulative potential

Bioaccumulation is not probable.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Other adverse effects

Ecological effects information : Ecotoxicity is low or very low.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

14. TRANSPORT INFORMATION

General information : Not classified.

15. REGULATORY INFORMATION

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

Ensure all national/local regulations are observed.

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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 - Harmful by inhalation.
R36 - Irritating to eyes.
R36/37/38 - Irritating to eyes, respiratory system and skin.
R36/38 - Irritating to eyes and skin.
R40 - Limited evidence of a carcinogenic effect.
R42/43 - May cause sensitization by inhalation and skin contact.
R48/20 - Harmful : danger of serious damage to health by prolonged exposure through inhalation.

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.