

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 27.05.2021

Version number 1

Revision: 27.05.2021

### SECTION 1: Identification of the substance/mixture and of the company/ undertaking

#### 1.1 Product identifier

**Trade name** weberdry SPF 45-Isocyanate-Part A**CAS Number:**

9016-87-9

**EC number:**

618-498-9

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

**Application of the substance / the mixture** Construction chemicals

#### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier:**

SODAMCO S.A.L

Main Road, Hosrayel (Jbeil), P.O. Box 65, Jbeil - Lebanon

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ATTADAMUNIA for Construction Industries JSC

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SODAMCO Emirates Factory for Building Materials W.L.L.Industrial City of Abu Dhabi

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SODAMCO Muscat L.L.C.

Al Khuwair - Muscat - Sultanate of Oman-P.O. Box 1094 PC 133,

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SODAMCO Industrial Co. for Construction Chemicals W.L.L (Office Jeddah)

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**Trade name weberdry SPF 45-Isocyanate-Part A**

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SODAMCO Industrial Co. for Construction Chemicals W.L.L (Riyadh Office)  
Salahuddin Al Ayoubi Street, Facing Military Airbase Al Bayt 52 Complex, Building 5 Office 1- P.O.  
Box 1042 Riyadh 11431-Kingdom of Saudi Arabia

T +966 11 473 8751

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**1.4 Emergency telephone number:**

UAE:+971 2 550 9994

Lebanon:+9619790920

Jeddah:+966126683295

Riyadh:+966114738751

Qatar:+97444423816

Jordan: +96264200417

Kuwait:+96525716404

Muscat:+96824218361

Hours of operation: From 8 am to 6 pm

Monday to Friday in Lebanon

Sunday to Thursday in other countries

### SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008



GHS08 health hazard

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Carc. 2 H351 Suspected of causing cancer.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS07

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335 May cause respiratory irritation.

**2.2 Label elements**

Labelling according to Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation.

**Hazard pictograms**

GHS07



GHS08

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**Signal word** Danger**Hazard-determining components of labelling:**

diphenylmethanediisocyanate, isomers and homologues

**Hazard statements**

H332 Harmful if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

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

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

**Precautionary statements**

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

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

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor/-

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**

EUH204 Contains isocyanates. May produce an allergic reaction.

**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Does not contain PBT substances.**vPvB:** Does not contain vPvB substances.

### SECTION 3: Composition/information on ingredients

**3.1 Substances****CAS No. Description**

9016-87-9 diphenylmethanediisocyanate, isomers and homologues

**Identification number(s):****EC number:** 618-498-9**Specific concentration limits**Skin Irrit. 2; H315: C  $\geq$  5 %Eye Irrit. 2; H319: C  $\geq$  5 %Resp. Sens. 1; H334: C  $\geq$  0.1 %STOT SE 3; H335: C  $\geq$  5 %**SVHC** Void

### SECTION 4: First aid measures

**4.1 Description of first aid measures****General information**

Immediately remove any clothing soiled by the product.

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Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

**After inhalation**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact**

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water.

**After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Rinse liquid should be tempered (20-30°C).

**After swallowing** If symptoms persist consult a doctor.

**4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### SECTION 5: Firefighting measures

**5.1 Extinguishing media****Suitable extinguishing agents**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**5.2 Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

**5.3 Advice for firefighters**

**Protective equipment:** Mouth respiratory protective device.

### SECTION 6: Accidental release measures

**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

Mouth respiratory protective device.

**6.2 Environmental precautions:** Dilute with plenty of water.**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

**6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

**7.1 Precautions for safe handling**

Keep receptacles tightly sealed.

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Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.  
Prevent formation of aerosols.

**Information about fire - and explosion protection:** Keep respiratory protective device available.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage**

**Requirements to be met by storerooms and receptacles:**

Store only in unopened original receptacles.

Contact with copper and copper alloys and galvanized surfaces must be avoided.

**Information about storage in one common storage facility:** Store away from foodstuffs.

**Further information about storage conditions:** None.

**7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Ingredients with limit values that require monitoring at the workplace:**

CAS No.	Designation of material	%	Type	Value	Unit
<b>CAS: 9016-87-9 diphenylmethanediisocyanate, isomeres and homologues</b>					
AGW (Germany)	Long-term value: 0.05 E mg/m <sup>3</sup> 1;=2=(I);DFG, H, Sah, Y, 12				
LEP (Spain)	Long-term value: 0.05* mg/m <sup>3</sup> *vía dérmica, Sen,*Propuesta de modificación				
HTP (Finland)	Short-term value: 0.035 mg/m <sup>3</sup> NCO				

**8.2 Exposure controls**

**Appropriate engineering controls** No further data; see item 7.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

Use a moisturising skin cream after processing the product.

**Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device.

In case of intensive or longer exposure use self-contained respiratory protective device.

**Hand protection** Protective gloves.

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Eye/face protection** Tightly sealed goggles

**Body protection:** Protective work clothing.

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**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**General Information**

<b>Physical state</b>	Fluid
<b>Colour:</b>	Brown
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	<10 °C (DIN ISO 3016)
<b>Boiling point or initial boiling point and boiling range</b>	330 °C (DIN)
<b>Flammability</b>	Not applicable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	>204 °C (DIN ISO 2592, CAS: 9016-87-9 diphenylmethanediisocyanate, isomeres and homologues)
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH</b>	Not applicable.
	Not determined.
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not determined.
<b>dynamic at 20 °C:</b>	170-250 mPas (DIN 53019)
	Not determined.
<b>Solubility</b>	
<b>Water:</b>	Fully miscible
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure at 25 °C:</b>	0.0001 hPa (DIN 51640, CAS: 9016-87-9 diphenylmethanediisocyanate, isomeres and homologues)
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	1.23 g/cm <sup>3</sup> (DIN 51757)
<b>Relative density</b>	Not determined.
<b>Bulk density:</b>	Not applicable.
<b>Vapour density</b>	Not determined.

**9.2 Other information**

<b>Appearance:</b>	
<b>Form:</b>	Liquid
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	>600 °C (DIN 51794)
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Minimum ignition energy</b>	
<b>Solvent separation test:</b>	Not applicable.
<b>EU-VOC (%)</b>	0.00 %

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<b>Change in condition</b>	
<b>Softening point/range</b>	
<b>Oxidising properties</b>	Not determined.
<b>Evaporation rate</b>	Not determined.

**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

**SECTION 10: Stability and reactivity**

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability** Stable at recommended storage conditions

**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions**

Can react violently with oxygen rich (oxidizing) material.

Danger of Explosion.

Corrodes copper and brass

Exothermic reaction with amines and alcohols. CO2 generation with water; pressure build-up (danger of bursting) in closed containers.

**10.4 Conditions to avoid** No further relevant information available.

**10.5 Incompatible materials:** No further relevant information available.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

**SECTION 11: Toxicological information**

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity** Harmful if inhaled.

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**LD/LC50 values relevant for classification:**

Components	Type	Value	Species
<b>CAS: 9016-87-9 diphenylmethanediisocyanate, isomeres and homologues</b>			
Oral	LD50	>2,000 mg/kg	(Rat)
Dermal	LD50	>10,000 mg/kg	(Rabbit)
Inhalative	LC50/4 h	0.49 mg/l	(Rat)

**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/irritation** Causes serious eye irritation.

**Respiratory or skin sensitisation**

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

May cause an allergic skin reaction.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Suspected of causing cancer.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** May cause respiratory irritation.

**STOT-repeated exposure** May cause damage to organs through prolonged or repeated exposure.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

Substance is not listed.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity:** Not classified as harmful to aquatic life

Type of test	Effective concentration	Method	Assessment
<b>CAS: 9016-87-9 diphenylmethanediisocyanate, isomeres and homologues</b>			
LC0/96h	>1,000 mg/l	(Fish)	
EC50/24h	>1,000 mg/l	(Daphnia magna)	

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects**

**Additional ecological information:**

**General notes:** Do not allow product to reach ground water, water course or sewage system.

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**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**European waste catalogue**

Possible waste code. The concrete waste code depends on the source of the waste.

HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP7	Carcinogenic
HP13	Sensitising

**Uncleaned packaging:**

**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

**Recommended cleaning agent:** Water, if necessary together with cleansing agents.

**SECTION 14: Transport information**

<b>14.1 UN number or ID number ADR, IMDG, IATA</b>	Void
<b>14.2 UN proper shipping name ADR, IMDG, IATA</b>	Void
<b>14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class</b>	Void
<b>14.4 Packing group ADR, IMDG, IATA</b>	Void
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

**SECTION 15: Regulatory information**

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

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** Substance is not listed.

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 56a

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**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

Substance is not listed.

**REGULATION (EU) 2019/1148****Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

Substance is not listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

Substance is not listed.

**National regulations****Other regulations, limitations and prohibitive regulations****BG-Merkblätter:** M 044 "Polyurethane production/Isocyanates"**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Department issuing SDS:** R&D Department of Weber-Middle East**Contact:**

Product Safety

T+97125509449

e-mail: DL-weber.productSafety-ME@Saint-gobain.com

**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

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 Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Resp. Sens. 1: Respiratory sensitisation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2