


**Admiral®**

## SAFETY DATA SHEET

### Carboline Carboguard 880 Comp. B Grey

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

##### 1.1. Product identifier

**Product name** Carboline Carboguard 880 Comp. B Grey  
**Product number** 821CG880-B-0700

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

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

**Supplier** Akis Paint and Chemical Inc.  
 Ali Osman Sönmez Cad. No:4  
 DOSAB-BURSA/TURKEY  
 T: +902242610537  
 F:+902242610542  
 www.akisboya.com

**Contact person** Tolga Dıraz - Teknik Müdür, Resmiye Kovancı Savaş - Fabrika Müdürü, H. Tuğba Başkurt  
 Fildişi - Kalite Güvence Sorumlusu

##### 1.4. Emergency telephone number

**Emergency telephone** Company Tel: +90 224 261 05 37 (office hours)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification

**Physical hazards** Flam. Liq. 3 - H226  
**Health hazards** Acute Tox. 4 - H302 Skin Irrit. 2 - H315 STOT RE 2 - H373  
**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** Xn; R22, R48/20/21/22. Xi; R38. R10

##### 2.2. Label elements

###### Pictogram



###### Signal word

Warning

###### Hazard statements

H226 Flammable liquid and vapour.  
 H302 Harmful if swallowed.  
 H315 Causes skin irritation.  
 H373 May cause damage to organs through prolonged or repeated exposure.

## Carboline Carboguard 880 Comp. B Grey

### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P260 Do not breathe vapour/spray.

P264 Wash contaminated skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P302+P352 IF ON SKIN: Wash with plenty of water.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P314 Get medical advice/attention if you feel unwell.

P321 Specific treatment (see medical advice on this label).

P330 Rinse mouth.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

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

### Contains

Barium magnesium silicate, Quartz, 2,4,6-tris(dimethylaminomethyl)phenol

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Barium magnesium silicate</b>		<b>25-40%</b>
CAS number: 68201-15-0		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Acute Tox. 4 - H302	Xn; R22	
<b>xylene</b>		<b>10-20%</b>
CAS number: 1330-20-7	EC number: 215-535-7	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Liq. 3 - H226	Xn; R48/20/21/22, R20/21. Xi; R36/37/38. R10	
Acute Tox. 4 - H312		
Acute Tox. 4 - H332		
Skin Irrit. 2 - H315		
<b>Polyamide resin</b>		<b>10-20%</b>
CAS number: 68410-23-1		
<b>Classification</b>		
Skin Irrit. 2 - H315		

## Carboline Carboguard 880 Comp. B Grey

<b>Quartz</b>		<b>5-10%</b>
CAS number: 14808-60-7		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
STOT RE 1 - H372	T; R48/25	
<b>propan-2-ol</b>		<b>1-5%</b>
CAS number: 67-63-0		EC number: 200-661-7
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Flam. Liq. 2 - H225	F; R11. Xi; R36. R67	
Eye Irrit. 2 - H319		
STOT SE 3 - H336		
<b>2,4,6-tris(dimethylaminomethyl)phenol</b>		<b>1-5%</b>
CAS number: 90-72-2		EC number: 202-013-9
<b>Classification</b>		
Acute Tox. 4 - H302		
Eye Irrit. 2 - H319		
Skin Irrit. 2 - H315		
<b>Phenol</b>		<b>&lt;1%</b>
CAS number: 68512-30-1		
<b>Classification</b>		
Acute Tox. 4 - H302		
Acute Tox. 4 - H312		
Acute Tox. 3 - H331		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

## Carboline Carboguard 880 Comp. B Grey

### 4.2. Most important symptoms and effects, both acute and delayed

<b>General information</b>	Treat symptomatically.
<b>Inhalation</b>	The product contains organic solvents. Gas or vapour is toxic or extremely irritating, even on brief exposure. May cause eye and respiratory system irritation.
<b>Ingestion</b>	Toxic: danger of very serious irreversible effects if swallowed.
<b>Skin contact</b>	Harmful: possible risk of irreversible effects in contact with skin. May be absorbed through the skin. The liquid may be irritating to eyes, respiratory system and skin.
<b>Eye contact</b>	May cause chemical eye burns. Vapour, spray or dust may cause chronic eye irritation or eye damage.

### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
<b>Specific treatments</b>	No specific chemical antidote is known to be required after exposure to this product.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
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### 5.2. Special hazards arising from the substance or mixture

<b>Specific hazards</b>	Flammable liquid and vapour. Vapours may be ignited by a spark, a hot surface or an ember. Harmful gases or vapours.
<b>Hazardous combustion products</b>	Harmful gases or vapours.

### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	In case of fire: Evacuate area. No action shall be taken without appropriate training or involving any personal risk. Use water spray to reduce vapours. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Fight fire from safe distance or protected location. In case of fire and/or explosion do not breathe fumes. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Do not enter storage areas or confined spaces unless adequately ventilated. Move containers from fire area if it can be done without risk.
<b>Special protective equipment for firefighters</b>	Use air-supplied respirator, gloves and protective goggles.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	No smoking, sparks, flames or other sources of ignition near spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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### 6.3. Methods and material for containment and cleaning up

## Carboline Carboguard 880 Comp. B Grey

**Methods for cleaning up** Large Spillages: Stop leak if safe to do so. Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Flush contaminated area with plenty of water. Small Spillages: Use appropriate protective equipment. Absorb material with a suitable material

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** For professional users only. Read label before use. Obtain special instructions before use. Avoid contact with skin and eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Provide adequate ventilation. Keep container tightly sealed when not in use. Protect from freezing and direct sunlight. During application and drying, solvent vapours will be emitted.

**Advice on general occupational hygiene** Do not smoke in work area. Do not eat, drink or smoke when using this product. Eye wash facilities and emergency shower must be available when handling this product.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from food, drink and animal feeding stuffs. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with oxidising agents.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### xylene

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls**

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

**Eye/face protection**

Contact lenses should not be worn when working with this chemical. Wear tight-fitting, chemical splash goggles or face shield.

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

## Carboline Carboguard 880 Comp. B Grey

<b>Other skin and body protection</b>	Avoid contact with skin.
<b>Hygiene measures</b>	Good personal hygiene procedures should be implemented. Wash contaminated skin thoroughly after handling.
<b>Respiratory protection</b>	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible.
<b>Thermal hazards</b>	If there is a risk of contact with hot product, all protective equipment worn should be suitable for use with high temperatures.
<b>Environmental exposure controls</b>	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Homogeneous
<b>Colour</b>	Grey.
<b>Flash point</b>	<23C°
<b>Relative density</b>	1,543-1,591 gr/cm <sup>3</sup> (20°C)
<b>Viscosity</b>	90-141 KU (25°C)

#### 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	None known.
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#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid exposing aerosol containers to high temperatures or direct sunlight.
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#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong oxidising agents.
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#### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).
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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	This product is toxic. Harmful if swallowed.
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#### Acute toxicity - oral

<b>ATE oral (mg/kg)</b>	192,308.0
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## Carboline Carboguard 880 Comp. B Grey

### Acute toxicity - dermal

ATE dermal (mg/kg) 736,994.0

### Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 5,931.0

ATE inhalation (dusts/mists mg/l) 6,522.0

### Skin corrosion/irritation

Skin corrosion/irritation Irritating to skin.

Animal data No specific test data are available.

### Serious eye damage/irritation

Serious eye damage/irritation No specific test data are available.

### Respiratory sensitisation

Respiratory sensitisation There is evidence that the product can cause respiratory hypersensitivity.

### Skin sensitisation

Skin sensitisation Toxicological studies are not yet available.

### Specific target organ toxicity - repeated exposure

STOT - repeated exposure may be toxic to specific target organs after repeated exposure.

### Aspiration hazard

Aspiration hazard Aspiration hazard if swallowed.

**General information** This product has low toxicity. Extensive use of the product in areas with inadequate ventilation may result in the accumulation of hazardous vapour concentrations.

**Inhalation** The product contains organic solvents. May cause drowsiness or dizziness. Overexposure may depress the central nervous system, causing dizziness and intoxication.

**Ingestion** May be harmful if swallowed. May cause stomach pain or vomiting.

**Skin contact** The liquid may be irritating to skin.

**Eye contact** May irritate eyes.

## SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

### 12.1. Toxicity

**Toxicity** No effects known.

### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not known.

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

## Carboline Carboguard 880 Comp. B Grey

### 12.6. Other adverse effects

Other adverse effects Not known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Confirm disposal procedures with environmental engineer and local regulations. Product residues retained in emptied containers can be hazardous.

## SECTION 14: Transport information

### 14.1. UN number

UN No. (ADR/RID)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263
UN No. (ADN)	1263

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	PAINT
Proper shipping name (IMDG)	PAINT
Proper shipping name (ICAO)	PAINT
Proper shipping name (ADN)	PAINT

### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

### Transport labels



### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III



## Carboline Carboguard 880 Comp. B Grey

ICAO packing group III

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS F-E, S-E

ADR transport category 3

Emergency Action Code •3Y

Hazard Identification Number 30  
(ADR/RID)

Tunnel restriction code (D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## SECTION 15: Regulatory information

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

**EU legislation** Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**Revision comments** This is first issue.

**Issued by** Mr. Tolga DIRAZ - Certified SDS Author - Certificate No: 01.40.08/06.03.2015 /  
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**Revision** 0

**Supersedes date** 12/11/2015

**SDS number** 4890

## Carboline Carboguard 880 Comp. B Grey

### Risk phrases in full

R10 Flammable.  
R11 Highly flammable.  
R20/21 Harmful by inhalation and in contact with skin.  
R22 Harmful if swallowed.  
R36 Irritating to eyes.  
R36/38 Irritating to eyes and skin.  
R38 Irritating to skin.  
R48/20/21/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.  
R48/25 Toxic: danger of serious damage to health by prolonged exposure if swallowed.  
R67 Vapours may cause drowsiness and dizziness.

### Hazard statements in full

H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.  
H372 Causes damage to organs through prolonged or repeated exposure if swallowed.  
H373 May cause damage to organs through prolonged or repeated exposure.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.