

# SAFETY DATA SHEET

According to 13 December 2014, No:29204, "Ministry of Environment and Urbanization; Regulation on Safety data sheets regarding hazardous substances and mixtures; Part I".



## Sikaflex® CR 170 Formerly MasterSeal CR 170 grey PTA

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	18.01.2021	000000468372	Date of first issue: 18.01.2021

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

#### 1.1 Product identifier

Trade name : Sikaflex® CR 170 Formerly MasterSeal CR 170 grey PTA  
Product code : 000000000050437685

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

Recommended restrictions on use : Industrial use, Professional use

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

Company : Sika MBCC Turkey Yapı Kimyasalları  
Sanayi ve Ticaret Limited Şirketi  
Ataşehir Kuzey, C Kapısı 3E/ 5-12  
34746 İstanbul, Turkey  
Telephone : +902162178800  
Telefax : +902162178800  
E-mail address of person responsible for the SDS : [mabas-eb@mbcc-group.com](mailto:mabas-eb@mbcc-group.com)

#### 1.4 Emergency telephone

ChemTel: +1-813-248-0585

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification T.R. SEA No 28848**  
Long-term (chronic) aquatic hazard, Category 3

#### 2.2 Label elements

**Labeling T.R. SEA No 28848**  
Hazard Statements : H412 Harmful to aquatic life with long lasting effects.  
Precautionary Statements : **Prevention:**  
P273 Avoid release to the environment.

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### Disposal:

P501 Dispose of contents/container to appropriate hazardous waste collection point.

### Additional Labeling:

EUH205 Contains bisphenol A-epichlorohydrin resin. Contains epoxy constituents. May produce an allergic reaction.

### 2.3 Other hazards

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Polysulphide polymer	68611-50-7		< 50
Oxydipropyl dibenzoate	27138-31-4 248-258-5	Aquatic Chronic2; H411	< 20
Reaction product: bisphenol-A-(epichlorohydrin)-Epoxy resin (number average molecular weight <= 700)	25068-38-6 500-033-5 603-074-00-8	Skin Irrit.2; H315 Eye Irrit.2; H319 Skin Sens.1; H317 Aquatic Chronic2; H411	< 0,3

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

- General advice : First aid personnel should pay attention to their own safety. Remove contaminated clothing.
- In case of skin contact : Wash thoroughly with soap and water  
Under no circumstances should organic solvent be used.  
If irritation develops, seek medical attention.
- In case of eye contact : Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
- If swallowed : Rinse mouth and then drink 200-300 ml of water.  
Do NOT induce vomiting.

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

Symptoms : Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

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

Treatment : Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Foam  
Water spray  
Dry powder  
Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media : water jet

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

Hazardous combustion products : harmful vapours  
nitrogen oxides  
fumes/smoke  
carbon black

### 5.3 Advice for firefighters

Special protective equipment for fire-fighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : The degree of risk is governed by the burning substance and the fire conditions.  
Contaminated extinguishing water must be disposed of in accordance with official regulations.

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## SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective clothing.  
Handle in accordance with good building materials hygiene and safety practice.

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### 6.2 Environmental precautions

Environmental precautions : Contain contaminated water/firefighting water.  
Do not discharge into drains/surface waters/groundwater.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Sweep/shovel up.  
Dispose of absorbed material in accordance with regulations.

### 6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Avoid skin contact.  
No special measures necessary provided product is used correctly.

Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking. The relevant fire protection measures should be noted.

Hygiene measures : When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

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

Requirements for storage areas and containers : Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.

Further information on storage conditions : Keep only in the original container in a cool, well-ventilated place. Protect from direct sunlight. Store protected against freezing.

Advice on common storage : No materials to be especially mentioned.

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

Specific use(s) : For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Titanium dioxide	13463-67-7	MAC	15 mg/m3	MAK (TR)

#### 8.2 Exposure controls

##### Personal protective equipment

Eye protection : Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Hand protection

Remarks : Wear chemically impervious protective gloves. Wear chemical resistant protective gloves. Manufacturer's directions for use should be observed because of great diversity of types.

Skin and body protection : light protective clothing

Respiratory protection : Wear respiratory protection if ventilation is inadequate.

Protective measures : Avoid contact with the skin, eyes and clothing.  
No special measures necessary if stored and handled correctly.  
Handle in accordance with good building materials hygiene and safety practice.  
Wearing of closed work clothing is recommended.

### SECTION 9: Physical and chemical properties

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

Appearance : pasty

Color : gray

Odor : characteristic

pH : 7 (23 °C)  
solution

Melting temperature : No data available

Boiling point : > 150 °C

Flash point : > 100 °C

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Evaporation rate	:	not determined
Vapor pressure	:	No data available
Relative vapor density	:	not determined
Density	:	approx. 1,55 g/cm <sup>3</sup> (23 °C)
Solubility(ies) Water solubility	:	insoluble (20 °C)
Partition coefficient: n-octanol/water	:	not applicable for mixtures
Autoignition temperature	:	> 500 °C
Decomposition temperature	:	> 150 °C
Viscosity Viscosity, dynamic	:	approx. 450.000 mPa.s (23 °C)
Explosive properties	:	Not explosive
Oxidizing properties	:	Based on its structural properties the product is not classified as oxidizing.

### 9.2 Other information

Metal corrosion rate	:	No corrosive effect on metal.
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

### 10.2 Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	:	The product is stable if stored and handled as prescribed/indicated.
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### 10.4 Conditions to avoid

Conditions to avoid	:	See SDS section 7 - Handling and storage.
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### 10.5 Incompatible materials

Materials to avoid	:	Strong acids Strong bases
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Strong oxidizing agents  
Strong reducing agents

### 10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified based on available information.

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Not classified based on available information.

#### Respiratory or skin sensitization

#### Skin sensitization

Not classified based on available information.

#### Respiratory sensitization

Not classified based on available information.

#### Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

#### Reproductive toxicity

Not classified based on available information.

#### STOT-single exposure

Not classified based on available information.

#### STOT-repeated exposure

Not classified based on available information.

#### Aspiration toxicity

Not classified based on available information.

#### Product:

No aspiration hazard expected.

#### Further information

#### Product:

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Remarks : Health injuries are not known or expected under normal use. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

### SECTION 12: Ecological information

#### 12.1 Toxicity

**Product:**

**Ecotoxicology Assessment**

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

#### 12.2 Persistence and degradability

**Product:**

Biodegradability : Remarks: Taking into consideration the properties of several ingredients, the product is estimated not to be readily biodegradable according to OECD classification.

#### 12.3 Bioaccumulative potential

**Product:**

Bioaccumulation : Remarks: No data available. Discharge into the environment must be avoided.

#### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

**Product:**

Assessment : Remarks: The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

#### 12.6 Other adverse effects

**Product:**

Additional ecological information : Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.



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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

- Product : Observe national and local legal requirements.  
The waste code in accordance with the European waste catalog (EWC) must be specified in cooperation with disposal agency/manufacturer/authorities.  
Residues should be disposed of in the same manner as the substance/product.
- Contaminated packaging : Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.
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### SECTION 14: Transport information

#### 14.1 UN number

Not regulated as a dangerous good

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

#### 14.4 Packing group

Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

Not applicable

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

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### SECTION 15: Regulatory information

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

##### Other regulations:

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

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### 15.2 Chemical Safety Assessment

#### SECTION 16: Other information

##### Full text of H-Statements

H315 : Causes skin irritation.  
H317 : May cause an allergic skin reaction.  
H319 : Causes serious eye irritation.  
H411 : Toxic to aquatic life with long lasting effects.

##### Full text of other abbreviations

Aquatic Chronic : Hazardous to the aquatic environment - chronic hazard  
Aquatic Chronic : Long-term (chronic) aquatic hazard  
Eye Irrit. : Eye irritation  
Skin Irrit. : Skin irritation  
Skin Sens. : Skin sensitization  
MAK (TR) : Maximum Allowable Concentration (Turkey)  
MAK (TR) / MAC : Maximum allowable concentration:

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations;

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UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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