

# 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".



## SikaMur-222 Formerly MasterInject 222

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	31.12.2020	000000618414	Date of first issue: 31.12.2020

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

#### 1.1 Product identifier

Trade name : SikaMur-222 Formerly MasterInject 222  
Product code : 000000000050512313

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

Use of the Sub-stance/Mixture : Product for construction chemicals  
Recommended restrictions on use : Industrial use, Professional use, Consumer 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**  
Serious eye damage/eye irritation, Category 1

#### 2.2 Label elements

**Labeling T.R. SEA No 28848**

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Version 1.0      Revision Date: 31.12.2020      SDS Number: 000000618414      Date of last issue: -  
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Hazard pictograms :



Signal Word : Danger

Hazard Statements : H318 Causes serious eye damage.

Precautionary Statements :

**Prevention:**

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

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/ physician.

**Additional Labeling:**

EUH208 Contains mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. Contains:

### 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

Chemical nature : Fillers

**Components**

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Calcium dihydroxide	1305-62-0 215-137-3	Skin Irrit.2; H315 Eye Dam.1; H318	< 10

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

General advice : Move out of dangerous area.  
Consult a physician.  
Show this material safety data sheet to the doctor in attend-

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---

- ance.  
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : If skin irritation persists, call a physician.  
If on skin, rinse well with water.  
If on clothes, remove clothes.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Take victim immediately to hospital.  
Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.  
Do not induce vomiting unless told to by a poison control center or doctor.

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

None known.

### 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 : Water spray  
Dry powder  
Foam  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : High volume water jet

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Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	31.12.2020	00000618414	Date of first issue: 31.12.2020

---

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

Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.

### 5.3 Advice for firefighters

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

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment.  
Avoid dust formation.  
Avoid breathing dust.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up : Keep in suitable, closed containers for disposal.

### 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 formation of respirable particles.  
Do not breathe vapors/dust.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.

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## SikaMur-222 Formerly MasterInject 222

Version 1.0      Revision Date: 31.12.2020      SDS Number: 000000618414      Date of last issue: -  
Date of first issue: 31.12.2020

Hygiene measures : When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

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

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. 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, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

Recommended storage temperature : 5 - 30 °C

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.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Calcium dihydroxide	1305-62-0	TWA (8 Hour)	5 mg/m <sup>3</sup>	TR OEL
		TWA (Respirable fraction)	1 mg/m <sup>3</sup>	2017/164/EU
Further information: Indicative				
		STEL (Respirable fraction)	4 mg/m <sup>3</sup>	2017/164/EU
		TWA value	5 mg/m <sup>3</sup>	OEL (TR)

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Hand protection

Remarks : Wear chemical resistant protective gloves. nitrile coated cotton gloves (e.g. EN 388, 374)

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- 
- |                          |   |   |
|--------------------------|---|---|
| Skin and body protection | : | Choose body protection according to the amount and concentration of the dangerous substance at the work place.  |
| Respiratory protection   | : | Wear respiratory protection if ventilation is inadequate. Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)   |
| Protective measures      | : | Avoid inhalation of dusts.<br>Wearing of closed work clothing is required additionally to the stated personal protection equipment.<br>Avoid exposure - obtain special instructions before use.<br>Handle in accordance with good building materials hygiene and safety practice. |

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### SECTION 9: Physical and chemical properties

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

- |  |   |   |
|--|---|---|
| Appearance                             | : | powder  |
| Color                                  | : | beige   |
| Odor                                   | : | odorless  |
| pH                                     | : | No data available   |
| Melting point                          | : | Not applicable  |
| Boiling point                          | : | not applicable, solid with a melting temperature over 300 °C    |
| Flash point                            | : | Not applicable  |
| Flammability (solid, gas)              | : | not flammable   |
| Vapor pressure                         | : | No data available   |
| Bulk density                           | : | 0,680 - 1,030 kg/m <sup>3</sup> (23 °C)                         |
| Solubility(ies)                        | : |   |
| Water solubility                       | : | No data available   |
| Partition coefficient: n-octanol/water | : | Not applicable  |
| Decomposition temperature              | : | No decomposition if stored and handled as prescribed/indicated. |
| Viscosity                              | : |   |
| Viscosity, dynamic                     | : | Not applicable  |
| Viscosity, kinematic                   | : | Not applicable  |

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Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	31.12.2020	000000618414	Date of first issue: 31.12.2020

---

Explosive properties : Not explosive

Oxidizing properties : Based on its structural properties the product is not classified as oxidizing.

### 9.2 Other information

Self-heating substances : No data available

Metal corrosion rate : No corrosive effect on metal.

Self-ignition : not self-igniting

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

### 10.4 Conditions to avoid

Conditions to avoid : See SDS section 7 - Handling and storage.

### 10.5 Incompatible materials

Materials to avoid : Strong acids  
Strong bases  
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.

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---

### **Serious eye damage/eye irritation**

Causes serious eye damage.

### **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.

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## **SECTION 12: Ecological information**

### **12.1 Toxicity**

No data available

### **12.2 Persistence and degradability**

No data available

### **12.3 Bioaccumulative potential**

No data available

### **12.4 Mobility in soil**

No data available

### **12.5 Results of PBT and vPvB assessment**

Not relevant

### **12.6 Other adverse effects**

#### **Product:**

Additional ecological information : No data available



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---

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

- |                        |   |  |
|------------------------|---|--|
| Product                | : | Do not dispose of waste into sewer.<br>Do not contaminate ponds, waterways or ditches with chemical or used container.<br>Send to a licensed waste management company. |
| Contaminated packaging | : | Empty remaining contents.<br>Dispose of as unused product.<br>Do not re-use empty containers.  |

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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

Chemical Safety Assessment not required

### SECTION 16: Other information

#### Full text of H-Statements

H315 : Causes skin irritation.  
H318 : Causes serious eye damage.

#### Full text of other abbreviations

Eye Dam. : Serious eye damage  
Skin Irrit. : Skin irritation  
2017/164/EU : Commission Directive (EU) 2017/164 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU  
OEL (TR) : Regulation on Protection of Health & Safety Measures from Risks related to Chemical Agents at Work (Turkey)  
TR OEL : Turkey. Chemical Agents at Work - Annex I: Indicative occupational exposure limit values  
2017/164/EU / STEL : Short Term Exposure Limit  
2017/164/EU / TWA : Limit Value - eight hours  
OEL (TR) / TWA value : Time Weighted Average (TWA):  
TR OEL / TWA (8 Hour) : Measured or calculated in relation to a reference period of eight-hour time-weighted average

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,

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## SikaMur-222 Formerly MasterInject 222

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---

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

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