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**SECTION 1. IDENTIFICATION** 

Product name : Sikafloor® MetalTop-200 NEU (Formerly MTop 200 Neu-

tral)

Company name : Sika Corporation

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USA

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Telephone : (201) 933-8800

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E-mail address : ehs@sika-corp.com

Emergency telephone : CHEMTREC: 800-424-9300

INTERNATIONAL: +1-703-527-3887

Recommended use of the chemical and restrictions on

use

For further information, refer to product data sheet.

### **SECTION 2. HAZARDS IDENTIFICATION**

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion : Sub-category 1C

Serious eye damage : Category 1

Skin sensitization : Category 1

Other hazards

**GHS** label elements

Hazard pictograms :





Signal Word : Danger

Hazard Statements : H314 Causes severe skin burns and eye damage.



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H317 May cause an allergic skin reaction. H335 May cause respiratory irritation.

Supplemental Hazard State-

ments

Corrosive to the respiratory tract.

Precautionary Statements

#### Prevention:

P261 Avoid breathing dust.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves/ eye protection/ face protection.

### Response:

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

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

P333 + P313 If skin irritation or rash occurs: Get medical advice/

attention.

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

#### Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

ngriny closed.

P405 Store locked up.

#### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

## **Additional Labeling**

There are no ingredients with unknown acute toxicity used in a mixture at a concentration >= 1%. None known.

## **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

#### **Mixtures**

### Components

Chemical name	CAS No./Unique	Classification	Concentration
	טו		(% w/w)



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Portland Cement	65997-15-1	Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1; H317 STOT SE 3; H335	>= 15 - <= 40
Diiron trioxide	1309-37-1		>= 3 - <= 7
Limestone	1317-65-3		>= 3 - <= 7
ferrite	1317-54-0	Acute Tox. 4; H302 Skin Irrit. 2; H315	>= 3 - <= 7
sodium nitrite	7632-00-0	Ox. Sol. 2; H272 Acute Tox. 3; H301 Eye Irrit. 2A; H319	>= 0.1 - <= 1

Actual concentration is withheld as a trade secret

### **SECTION 4. FIRST AID MEASURES**

General advice : Move out of dangerous area.

Consult a physician.

Show this material safety data sheet to the doctor in attend-

ance.

If inhaled : Move to fresh air.

Consult a physician after significant exposure.

In case of skin contact : Take off contaminated clothing and shoes immediately.

Wash off with soap and plenty of water.

Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficul-

ty.

In case of eye contact : Small amounts splashed into eyes can cause irreversible tis-

sue 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.

Keep eye wide open while rinsing.

If swallowed : Clean mouth with water and drink afterwards plenty of water.

Do not induce vomiting without medical advice.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

Take victim immediately to hospital.

Most important symptoms and effects, both acute and

delayed

May cause an allergic skin reaction.

Causes serious eye damage. May cause respiratory irritation.

Causes severe burns.

Corrosive to the respiratory tract.



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Health injuries may be delayed.

corrosive effects irritant effects sensitizing effects

Cough

Respiratory disorder Allergic reactions

**Dermatitis** 

Notes to physician Treat symptomatically.

#### **SECTION 5. FIRE-FIGHTING MEASURES**

Use extinguishing measures that are appropriate to local cir-Suitable extinguishing media :

cumstances and the surrounding environment.

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.

for fire-fighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

#### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protec- :

tive equipment and emer-

gency procedures

Use personal protective equipment.

Avoid breathing dust.

Deny access to unprotected persons.

Do not flush into surface water or sanitary sewer system. Environmental precautions

If the product contaminates rivers and lakes or drains inform

respective authorities.

Local authorities should be advised if significant spillages

cannot be contained.

Methods and materials for

containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

#### **SECTION 7. HANDLING AND STORAGE**

Advice on protection against :

fire and explosion

Avoid dust formation.

Provide appropriate exhaust ventilation at places where dust

is formed.

Advice on safe handling Do not breathe vapors/dust.



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Avoid exceeding the given occupational exposure limits (see

section 8).

Do not get in eyes, on skin, or on clothing. For personal protection see section 8.

Persons with a history of skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being

used.

Smoking, eating and drinking should be prohibited in the ap-

plication area.

Follow standard hygiene measures when handling chemical

products.

Conditions for safe storage : Store in original container.

Keep in a well-ventilated place. Observe label precautions.

Store in accordance with local regulations.

Materials to avoid : Explosives

Oxidizing agents
Poisonous gases
Dangerous when wet
Flammable solids
Organic peroxides
Poisonous liquids

Spontaneously Combustible Substances

Further information on stor-

age stability

Keep in a dry place.

No decomposition if stored and applied as directed.

### **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

## Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Portland Cement	65997-15-1	TWA (Res- pirable par- ticulate mat- ter)	1 mg/m3	ACGIH
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA (respir- able dust	5 mg/m3	OSHA P0



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		fraction)		
		TWA (Dust)	50 Million parti- cles per cubic foot	OSHA Z-3
		TWA (Total)	10 mg/m3	OSHA P0
		TWA (Respirable fraction)	5 mg/m3	OSHA PO
Diiron trioxide	1309-37-1	TWA (Respirable particulate matter)	5 mg/m3	ACGIH
		TWA (Fumes)	10 mg/m3	OSHA Z-1
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Fumes)	10 mg/m3	OSHA P0
Limestone	1317-65-3	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total dust)	15 mg/m3	OSHA P0
		TWA (respir- able dust fraction)	5 mg/m3	OSHA P0

The above constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### Particles of nuisance dust

Form of exposure	Value type	Control parameters	Basis
total dust	TWA	15 mg/m3	OSHA Z-3
respirable fraction	TWA	5 mg/m3	OSHA Z-3

**Engineering measures** : Use of adequate ventilation should be sufficient to control

worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommend-

ed or statutory limits.

Personal protective equipment

Respiratory protection : Use a properly fitted NIOSH approved air-purifying or air-fed



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respirator complying with an approved standard if a risk as-

sessment indicates this is necessary.

The filter class for the respirator must be suitable for the max-

imum expected contaminant concentration

(gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-

contained breathing apparatus must be used.

Hand protection : Chemical-resistant, impervious gloves complying with an

approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is nec-

essary.

Eye protection : Safety eyewear complying with an approved standard should

be used when a risk assessment indicates this is necessary.

Skin and body protection : Choose body protection in relation to its type, to the concen-

tration and amount of dangerous substances, and to the spe-

cific work-place.

Hygiene measures : Avoid contact with skin, eyes and clothing.

Wash hands before breaks and immediately after handling

the product.

Remove contaminated clothing and protective equipment

before entering eating areas. Wash thoroughly after handling.

Avoid breathing dust.

### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : powder

Color : gray

Odor : odorless

Odor Threshold : No data available

pH : alkaline

Melting point/ range / Freez-

ing point

: No data available

Boiling point/boiling range : No data available

Flash point : Not applicable

Evaporation rate : No data available



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Flammability (solid, gas) : No data available

Upper explosion limit / Upper

flammability limit

No data available

Lower explosion limit / Lower :

flammability limit

No data available

Vapor pressure : No data available

Relative vapor density : No data available

Density : No data available

Bulk density : 1.8 - 2.4 kg/m3

Solubility(ies)

Water solubility : dispersible

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

No data available

Autoignition temperature : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : Not applicable

Explosive properties : No data available

Oxidizing properties : No data available

Volatile organic compounds

(VOC) content

Not applicable

## **SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : The product is chemically stable.

Possibility of hazardous reac- :

tions

Stable under recommended storage conditions.

Conditions to avoid : No data available

according to OSHA 1910.1200 Hazard Communication Standard



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Incompatible materials : No data available

Hazardous decomposition

products

No decomposition if stored and applied as directed.

### **SECTION 11. TOXICOLOGICAL INFORMATION**

## **Acute toxicity**

Not classified due to lack of data.

## **Components:**

Diiron trioxide:

Acute oral toxicity : LD50 Oral (Rat): > 5,000 mg/kg

### Skin corrosion/irritation

Causes severe burns.

## Serious eye damage/eye irritation

Causes serious eye damage.

### Respiratory or skin sensitization

### Skin sensitization

May cause an allergic skin reaction.

### Respiratory sensitization

Not classified due to lack of data.

## Germ cell mutagenicity

Not classified due to lack of data.

## Carcinogenicity

Not classified due to lack of data.

IARC Group 2A: Probably carcinogenic to humans

sodium nitrite 7632-00-0

(nitrite (ingested) under conditions that result in endogenous nitrosation)

OSHA Not applicable

NTP Not applicable

## Reproductive toxicity

Not classified due to lack of data.



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## STOT-single exposure

May cause respiratory irritation. Corrosive to the respiratory tract.

### STOT-repeated exposure

Not classified due to lack of data.

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

## **Aspiration toxicity**

Not classified due to lack of data.

## **SECTION 12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

No data available

### Persistence and degradability

No data available

## **Bioaccumulative potential**

No data available

## Mobility in soil

No data available

#### Other adverse effects

### **Product:**

Additional ecological infor-

mation

Do not empty into drains; dispose of this material and its con-

tainer in a safe way.

### **SECTION 13. DISPOSAL CONSIDERATIONS**

#### **Disposal methods**

Waste from residues : Disposal of this product, solutions and any by-products should

at all times comply with the requirements of environmental protection and waste disposal legislation and any regional

local authority requirements.

Contaminated packaging : Empty containers should be taken to an approved waste han-

dling site for recycling or disposal.

#### **SECTION 14. TRANSPORT INFORMATION**

## **International Regulations**

**IATA-DGR** 

according to OSHA 1910.1200 Hazard Communication Standard



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Not regulated as a dangerous good

**IMDG-Code** 

Not regulated as a dangerous good

**Domestic regulation** 

49 CFR Road

Not regulated as a dangerous good

Special precautions for user

Not applicable

### **SECTION 15. REGULATORY INFORMATION**

TSCA list : All chemical substances in this product are either listed as ac-

tive on the TSCA Inventory or are in compliance with a TSCA

Inventory exemption.

The following substance(s) is/are subject to a Significant New Use Rule:

sodium nitrite 7632-00-0 Group IA periodic classification -

Nitrites of lithium, sodium, potassium, rubidum, cesium, and francium.; See 40 CFR § 721.4740; Final RuleSee 40 CFR § 721.4740; Pro-

posed Rule

The following substance(s) is/are subject to TSCA 12(b) export notification requirements:

sodium nitrite 7632-00-0

## **CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)
sodium nitrite	7632-00-0	100

## SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Respiratory or skin sensitization

Skin corrosion or irritation

Serious eye damage or eye irritation

SARA 313 : The following components are subject to reporting levels es-

tablished by SARA Title III, Section 313:

lead 7439-92-1 < 0.1 %

according to OSHA 1910.1200 Hazard Communication Standard



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#### Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

#### California Prop. 65

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**WARNING:** This product can expose you to chemicals including Portland Cement, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

#### **SECTION 16. OTHER INFORMATION**

### Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

OSHA P0 : USA. Table Z-1-A Limits for Air Contaminants (1989 vacated

values)

OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim-

its for Air Contaminants

OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Min-

eral Dusts

ACGIH / TWA : 8-hour, time-weighted average OSHA P0 / TWA : 8-hour time weighted average OSHA Z-1 / TWA : 8-hour time weighted average OSHA Z-3 / TWA : 8-hour time weighted average

## **Notes to Reader**

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