Sika MonoTop[®]-412 MY

Revision Date: 12.02.2020

Version 2.0

SDS Number: 000000611529

SECTION 1: Identification of the hazardous chemical and of the supplier

Product name Product code Type of product	:	Sika MonoTop®-412 MY 000000611529 solid		
Manufacturer or supplier's details				
Company	:	Sika Kimia Sdn. Bhd. Lot 689 Nilai Industrial Estate 71800 Nilai		
Telephone	:	+60 6799 1762		
Telefax	:	+60 6799 1980		
E-mail address	:	EHS@my.sika.com		
Emergency telephone number Contact point	:	-		

SECTION 2: Hazards identification

Classification of the hazardous chemical

Skin corrosion/irritation	: Category 2
Serious eye damage/eye irritation	: Category 1
Skin sensitisation	: Category 1
Specific target organ toxicity - single exposure	: Category 3 (Respiratory system)
Label elements	
Hazard pictograms	
Signal word	: Danger
Hazard statements	 H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H335 May cause respiratory irritation.
Precautionary statements	 Prevention: P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P280 Wear protective gloves/ eye protection/ face protection. Response: P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician 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

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CENTER or doctor/ physician. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

Other hazards which do not result in classification

None known.

SECTION 3: Composition and information of the ingredients of the hazardous chemical

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration (%)
Quartz (SiO2)	14808-60-7	>= 30 - < 60
Cement (chromium reduced)	65997-15-1	>= 30 - < 60
calcium carbonate	471-34-1	>= 1 - < 3
sulfoaluminate clinker	Not Assigned	>= 1 - < 3

SECTION 4: First aid measures

General advice	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.	
If inhaled	Move to fresh air. Consult a physician after significant exposure. Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.	
In case of skin contact		
In case of eye contact	If symptoms persist, call a physician. Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with pler of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.	ıty
If swallowed	 Clean mouth with water and drink afterwards plenty of wate Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Obtain medical attention. 	r.
Most important symptoms and effects, both acute and delayed	irritant effects sensitising effects Cough Respiratory disorder Allergic reactions Excessive lachrymation Dermatitis See Section 11 for more detailed information on health effect and symptoms. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.	cts
Notes to physician	Treat symptomatically.	

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SECTION 5: Firefighting measures

Extinguishing media Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.			
Physicochemical hazards arising from the chemical				
Hazardous combustion products	: No hazardous combustion products are known			
Special protective equipment and precautions for fire-fighters				
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus.			
Specific extinguishing methods	: Standard procedure for chemical fires.			

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment. Deny access to unprotected persons.
Environmental precautions	: Do not flush into surface water or sanitary sewer system.
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

Handling

Precautions for safe handling

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Advice on protection against fire and explosion	: Normal measures for preventive fire protection.
Advice on safe handling	 Do not breathe vapours/dust. 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 sensitisation 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 application area. Follow standard hygiene measures when handling chemical products

Storage

Conditions for safe storage, including any incompatibilities

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Conditions for safe storage : Store in original container. Keep in a well-ventilated place. Observe label precautions. Store in accordance with local regulations.

SECTION 8: Exposure controls and personal protection

Control parameters

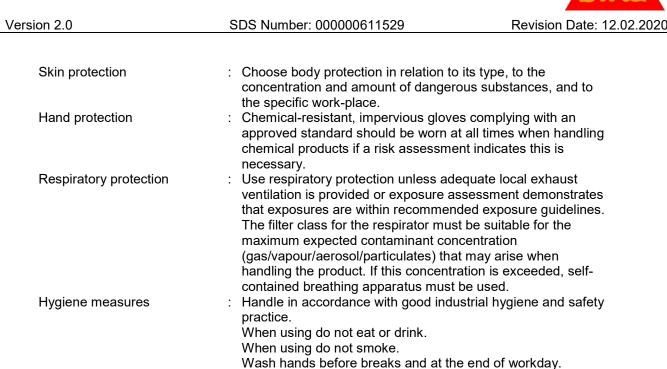
Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Quartz (SiO2)	14808-60-7	TWA (Respirable fraction)	0.1 mg/m3	MY PEL
		PEL (Respirable dust)	0.1 mg/m3	MY PEL
		TWA (Respirable particulate matter)	0.025 mg/m3	ACGIH
		TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH
		TWA (Respirable particulate matter)	0.025 mg/m3	ACGIH
		TWA (Respirable particulate matter)	0.025 mg/m3 (Silica)	ACGIH
Cement (chromium reduced)	65997-15-1	TWA	10 mg/m3	MY PEL
	Further inform no asbestos a	is for particulate m	atter containing	
		PEL (Respirable dust)	5 mg/m3	MY PEL
		PEL (Total dust)	10 mg/m3	MY PEL
		TWÁ (Respirable particulate matter)	1 mg/m3	ACGIH
calcium carbonate	471-34-1	TWA (particulate)	10 mg/m3 (Calcium carbonate)	MY PEL
		ation: The value nd <1% crystalli	is for particulate m ne silica	atter containing

Individual protection measures, such as personal protective equipment

Eye/face protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

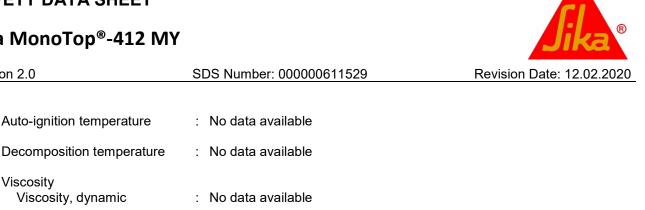
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SECTION 9: Physical and chemical properties

Appearance Colour Odour Odour Threshold		solid grey No data available No data available
pH Melting point/range / Freezing point	:	Not applicable No data available
Boiling point/boiling range	:	No data available
Flash point Evaporation rate	:	Not applicable No data available
Flammability	:	No data available
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	2.1 g/cm3 (24 °C (75 °F) ())
Solubility(ies) Water solubility	:	No data available
Solubility in other solvents	:	No data available
Partition coefficient: n- octanol/water	:	No data available

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Viscosity

Viscosity, kinematic

Explosive properties

Molecular weight

Reactivity Chemical stability Possibility of hazardous reactions	 No dangerous reaction known under conditions of normal use. The product is chemically stable. No hazards to be specially mentioned.
Conditions to avoid Incompatible materials No decomposition if stored and	 No data available No data available applied as directed.

: Not applicable

: No data available

: No data available

SECTION 11: Toxicological information

Information on likely routes of : None known. exposure

Acute toxicity

No data available

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Skin sensitisation: May cause an allergic skin reaction. Respiratory sensitisation: 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

May cause respiratory irritation.

STOT - repeated exposure

Not classified based on available information.

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Aspiration toxicity

Not classified based on available information.

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 information	: There is no data available for this product.

SECTION 13: Disposal information

Disposal methods	
Waste from residues	 Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
Contaminated packaging	 Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14: Transport information

International Regulations

UNRTDG Not regulated as a dangerous good

IATA-DGR Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

Safety, health, and environmental regulations specific for the hazardous chemical

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.

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Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000. International Chemical Weapons Convention (CWC) : Not applicable Schedules of Toxic Chemicals and Precursors

SECTION 16: Other information

Date format

: dd.mm.yyyy

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !