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



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

1.1 Product identifier

Trade name : MasterTile PAS 101

Product code : 00000000055578650

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

Recommended restrictions : Industrial use, Professional use, Consumer use

on use

1.3 Details of the supplier of the safety data sheet

Company : Master Builders Solutions

Yapı Kimyasalları Sanayi ve Ticaret Ltd.

Sti.,

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

1.4 Emergency telephone

ChemTel: +1-813-248-0585

National Emergency : Acil İlkyardım Merkezi: 112 Ulusal Zehir Danışma Merkezi: 114

Telephone Number İtfaiye: 110

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification T.R. SEA No 28848

Specific target organ toxicity - repeated

exposure, Category 2

H373: May cause damage to organs through pro-

longed or repeated exposure.

2.2 Label elements

Labeling T.R. SEA No 28848

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Hazard pictograms :

Signal Word : Warning

Hazard Statements : H373 May cause damage to organs through prolonged or

repeated exposure.

Precautionary Statements : Prevention:

P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.

Response:

P314 Get medical advice/ attention if you feel unwell.

Disposal:

P501 Dispose of contents/ container to an approved waste

disposal plant.

Hazardous ingredients which must be listed on the label:

Quartz (SiO2)

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.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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 : dispersion

mineral blend

Components

-			
Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		
	Registration num-		
	ber		
diisobutyl phthalate	84-69-5	Repr. 1B; H360Df	>= 1 - < 2,5
	201-553-2	Aquatic Chronic 3;	
	607-623-00-2	H412	
Quartz (SiO2)	14808-60-7	STOT RE 1; H372	>= 1 - < 10

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	238-878-4		
mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-	55965-84-9	Acute Tox. 3; H301	< 0,0002
isothiazol-3-one (3:1)	613-167-00-5	Acute Tox. 2;	
		H330 Acute Tox. 2;	
		H310	
		Skin Corr. 1C;	
		H314	
		Eye Dam. 1; H318 Skin Sens. 1A;	
		H317	
		Aquatic Acute 1;	
		H400	
		Aquatic Chronic 1; H410	
		11410	
		M-Factor (Acute	
		aquatic toxicity):	
		100 M-Factor (Chronic	
		aquatic toxicity):	
		100	
Substances with a workplace exposure			
Limestone	1317-65-3		>= 30 - < 50
	215-279-6		
crystalline silica	14808-60-7		>= 20 - < 30
	238-878-4		

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice : 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 : Flush eyes with water as a precaution.

Remove contact lenses. Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

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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.

4.2 Most important symptoms and effects, both acute and delayed

Risks : May damage the unborn child. Suspected of damaging fertili-

ty.

May cause damage to organs through prolonged or repeated

exposure if inhaled.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Unsuitable extinguishing

media

High volume water jet

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 nec-

essary.

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.

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.

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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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid contact with skin and eyes.

For personal protection see section 8.

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

plication 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.

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. 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 stor-

age conditions

Keep only in the original container in a cool, dry, wellventilated place away from ignition sources, heat or flame.

Protect from direct sunlight.

Recommended storage tem: :

perature

5 - 40 °C

Further information on stor-

age 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	Control parameters	Basis		
		of exposure)				
Limestone	1317-65-3	ZOAD/TWA (To- tal dust)	15 mg/m3	TR OEL DU		
	Further information: Allowable occupational exposure limit values of chemicals					
	in dust form	ZOAD/TWA	E / 2	TR OEL DU		
		(Respirable dust)	5 mg/m3	TR OEL DO		
	Further information: Allowable occupational exposure limit values of chemicals in dust form					
	iii ddat ioiiii	ZOAD/TWA (To- tal dust)	15 mg/m3	TR OEL DU		
	Further information: Allowable occupational exposure limit values of chemicals in dust form					
		ZOAD/TWA (Respirable dust)	5 mg/m3	TR OEL DU		
	Further information: Allowable occupational exposure limit values of chemicals in dust form					
crystalline silica	14808-60-7	ZOAD/TWA (To- tal)	30 mg/m3 / %SiO2+2	TR OEL DU		
	Further information: Allowable occupational exposure limit values of mineral dusts					
		ZOAD/TWA (Respirable)	10 mg/m3 / %SiO2+2	TR OEL DU		
	Further information: Allowable occupational exposure limit values of mineral dusts					
Quartz (SiO2)	14808-60-7	ZOAD/TWA (To- tal)	30 mg/m3 / %SiO2+2	TR OEL DU		
	Further information: Allowable occupational exposure limit values of mineral dusts					
		ZOAD/TWA (Respirable)	10 mg/m3 / %SiO2+2	TR OEL DU		
	Further information: Allowable occupational exposure limit values of mineral dusts					
		TWA (Respirable dust)	0,1 mg/m3	2004/37/EC		
	Further inforn	nation: Carcinogens	or mutagens			

8.2 Exposure controls

Personal protective equipment

Eye protection : Eye wash bottle with pure water

Tightly fitting safety goggles

Hand protection

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Remarks : The suitability for a specific workplace should be discussed

with the producers of the protective gloves.

Skin and body protection : Choose body protection according to the amount and concen-

tration of the dangerous substance at the work place.

Respiratory protection : Wear respiratory protection if ventilation is inadequate.

Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type

ABEK).

Protective measures : Do not inhale dust/fumes/aerosols.

Avoid contact with the skin, eyes and clothing.

Avoid exposure - obtain special instructions before use. 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 : paste

Color : white

Odor : faint odour

Odor Threshold : not determined

pH : approx. 10 - 11 (20 °C)

Melting point : > 2.000 °C

boiling temperature : No data available

Flash point : Not applicable

Evaporation rate : The product is a non-volatile solid.

Flammability (solid, gas) : not flammable

Vapor pressure : No data available

Relative vapor density : The product is a non-volatile solid.

Density : approx. 1,73 g/cm3 (20 °C)

Solubility(ies)

Water solubility : insoluble

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Partition coefficient: n-

octanol/water

not applicable for mixtures

Decomposition temperature : No decomposition if stored and handled as pre-

scribed/indicated.

Viscosity

Viscosity, dynamic : Not applicable

Explosive properties : Not explosive

Oxidizing properties : not fire-propagating

9.2 Other information

Self-heating substances : No data available

Self-ignition : not self-igniting

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.

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

May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

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.

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SECTION 12: Ecological information

12.1 Toxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

Components:

mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

M-Factor (Acute aquatic tox- : 100

icity)

M-Factor (Chronic aquatic

toxicity)

: 100

12.2 Persistence and degradability

Product:

Biodegradability : Remarks: Taking into consideration the properties of several

ingredients, the product is estimated not to be readily biode-

gradable 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 : This substance/mixture contains no components considered

to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

0.1% or higher...

12.6 Other adverse effects

Product:

Ozone-Depletion Potential : Remarks: The product does not contain substances that are

listed in Regulation (EC) 1005/2009 on substances that de-

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plete the ozone layer.

Additional ecological infor-

mation

Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxi-

cology have been derived from the properties of the individual

components.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water

courses or the soil.

Do not contaminate ponds, waterways or ditches with chemi-

cal 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

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.

SECTION 15: Regulatory information

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

Regulation on Persistent Organic Pollutants (Number : Not applicable

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30595)

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.

SECTION 16: Other information

Full text of H-Statements

H301 : Toxic if swallowed. H310 : Fatal in contact with skin.

H314 : Causes severe skin burns and eye damage.

H317 : May cause an allergic skin reaction.

H318 : Causes serious eye damage.

H330 : Fatal if inhaled.

H360Df : May damage the unborn child. Suspected of damaging fertili-

tv.

H372 : Causes damage to organs through prolonged or repeated

exposure if inhaled.

H400 : Very toxic to aquatic life.

H410 : Very toxic to aquatic life with long lasting effects.
H412 : Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox. : Acute toxicity

Aquatic Acute : Short-term (acute) aquatic hazard

Aquatic Chronic : Hazardous to the aquatic environment - chronic hazard

Aquatic Chronic : Long-term (chronic) aquatic hazard

Eye Dam. : Serious eye damage Repr. : Reproductive toxicity Skin Corr. : Skin corrosion Skin Sens. : Skin sensitization

STOT RE : Specific target organ toxicity - repeated exposure

2004/37/EC : Europe. Directive 2004/37/EC on the protection of workers

from the risks related to exposure to carcinogens or mutagens

at work

TR OEL DU : Turkey. Regulation on Dust Control. Occupational Dust Expo-

sure Limit Values (Annex 1)

2004/37/EC / TWA : Long term exposure limit
TR OEL DU / ZOAD/TWA : Time Weighted Average Value

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; AIIC - Australian Inventory of Industrial Chemicals; 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 - Con-

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

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Email: nazli.ozer@mbcc-group.com Certificate no: KDU-A-0-0077 Certification Date: 29.07.2020 Certificate Expiry Date: 29.07.2025

Classification of the mixture:

Classification procedure:

STOT RE 2 H373 Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

TR / EN