

**Safety Data Sheet according to  
Regulation (EC) 'No. 2020/878****SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking**

1.1	<b>Product Identifier</b>	TR-TAMMSTP-D	<b>Revision Date:</b>	14/04/2023
	<b>Product Name:</b>	TAMMS THIN PATCH	<b>Supersedes Date:</b>	New SDS
	<b>UFI Code:</b>	No Information		
	<b>Nanoform:</b>	No		
1.2	<b>Relevant identified uses of the substance or mixture and uses advised against</b>	Advised against: others than recommended		
1.3	<b>Details of the supplier of the safety data sheet</b>			
	<b>Importer:</b>	None		
	<b>Manufacturer:</b>	StonCor Middle East L.L.C. Plot # B518, Al Quoz Industrial Area 3 P.O. Box: 3034 Dubai, U.A.E.		
		Regulatory / Technical Information: +971 4 347 0460 +971 4 347 0242 (fax)		
	<b>Datasheet Produced by:</b>	Rivero, Melody - ehs@stoncor.com		
1.4	<b>Emergency telephone number:</b>	CHEMTREC +1 703 5273887 (Outside US) 112 (24/7) Croatia +3851 2348 342 (24/7 in Croatian and English) Iceland 112 (24/7) Malta 112 (24/7)		

**SECTION 2: Hazards Identification****2.1 Classification of the substance or mixture**

Classification according to Classification, Labeling &amp; Packaging Regulation (EC) 1272/2008

**HAZARD STATEMENTS**

Skin Irritation, category 2  
 Skin Sensitizer, category 1  
 Serious Eye Damage, category 1  
 Carcinogenicity, category 1A  
 STOT, single exposure, category 1

H315  
 H317  
 H318  
 H350-1A  
 H370

**2.2 Label elements****Symbol(s) of Product****Signal Word**

Danger

**Named Chemicals on Label**

quartz (silicon dioxide), portland cement

**HAZARD STATEMENTS**

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 Serious Eye Damage, category 1  
 Carcinogenicity, category 1A  
 STOT, single exposure, category 1

H315  
 H317  
 H318  
 H350-1A  
 H370

Causes skin irritation.  
 May cause an allergic skin reaction.  
 Causes serious eye damage.  
 May cause cancer.  
 Causes damage to organs.

**PRECAUTION PHRASES**

P201  
 P202  
  
 P260  
 P264  
 P280  
  
 P284  
 P301+310  
  
 P302+352  
 P305+351+338  
  
 P307+311  
 P308+313  
 P314  
 P333+313

Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
  
 Do not breathe dust/fume/gas/mist/vapours/spray.  
 Wash hands thoroughly after handling.  
 Wear protective gloves/protective clothing/eye protection/face protection.  
 Wear respiratory protection.  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 IF ON SKIN: Wash with plenty of soap and water.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.  
 IF exposed, call a POISON CENTER or doctor/physician.  
 IF exposed or concerned: Get medical advice/attention.  
 Get medical advice/attention if you feel unwell.  
 If skin irritation or rash occurs: Get medical advice/attention.

**2.3 Other hazards**

No Information

**Results of PBT and vPvB assessment:**

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

**Endocrine disrupting properties - Toxicity**

Name According to EEC

CAS-No.

No Information

**Endocrine disrupting properties - Ecotoxicity**

Name According to EEC

CAS-No.

No Information

**SECTION 3: Composition/Information On Ingredients****3.1 Substances**

Not applicable

**3.2 Mixtures****Hazardous ingredients**

<u>Name According to EEC</u> <u>EINEC No.</u> <u>CAS-No.</u> <u>REACH Reg No.</u>	<u>%</u>	<u>Classifications</u>	SCL Value: ATE Value: M-Factor:
quartz (silicon dioxide) 238-878-4 14808-60-7 No Information	50 - <75	H350-370  Carc. 1A, STOT SE 1	SCL Value: -  ATE Value: -  M-Factor: -
portland cement 266-043-4 65997-15-1 No Information	10 - <25	H315-317-318  Eye Dam. 1, Skin Irrit. 2, Skin Sens. 1	SCL Value: -  ATE Value: -  M-Factor: -

silicon dioxide (amorphous) 231-545-4 7631-86-9 No Information	2.5 - <10	H372  STOT RE 1	<b>SCL Value:</b>	-
			<b>ATE Value:</b>	-
			<b>M-Factor:</b>	-
alumina oxide 215-691-6 1344-28-1 No Information	1.0 - <2.5		<b>SCL Value:</b>	-
			<b>ATE Value:</b>	-
			<b>M-Factor:</b>	-
titanium dioxide 236-675-5 13463-67-7 No Information	0.1 - <1.0	H351  Carc. 2	<b>SCL Value:</b>	-
			<b>ATE Value:</b>	-
			<b>M-Factor:</b>	-

**Additional Information:** The text for CLP Hazard Statements shown above (if any) is given in Section 16.

## SECTION 4: First-aid Measures

### 4.1 Description of First Aid Measures

**GENERAL NOTES:** When symptoms persist or in all cases of doubt seek medical advice.

**AFTER INHALATION:** Move to fresh air. Call a physician or poison control centre immediately.

**AFTER SKIN CONTACT:** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**AFTER EYE CONTACT:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses.

**AFTER INGESTION:** Gently wipe or rinse the inside of the mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

**Self protection of the first aider:**

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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

No Information

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

Immediate medical attention is required. No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

**SECTION 5: Firefighting Measures****5.1 Extinguishing Media:**

Carbon Dioxide, Dry Chemical, Foam, Water Fog

**FOR SAFETY REASONS NOT TO BE USED:** Alcohol, Alcohol based solutions, any other media not listed above.

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

No Information

**5.3 Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus.

**SECTION 6: Accidental Release Measures****6.1 Personal precautions, protective equipment and emergency procedures****6.1.1 For non-emergency personnel**

Ensure adequate ventilation. Use personal protective equipment.

**6.1.2 For emergency responders**

No Information

**6.2 Environmental precautions**

Should not be released into the environment.

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

Pick up and transfer to properly labelled containers. Prevent further leakage or spillage if safe to do so.

**6.4 Reference to other sections**

**FURTHER INSTRUCTIONS:** Please refer to EU disposal requirements or country specific disposal requirements for this material. See Section 8 and 13 for further information.

**SECTION 7: Handling and Storage****7.1 Precautions for safe handling**

Wear personal protective equipment. Avoid contact with skin and clothing.  
When using, do not eat, drink or smoke.

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

**CONDITIONS TO AVOID:** No Information

**STORAGE CONDITIONS:** Keep container tightly closed in a dry and well-ventilated place.

**7.3 Specific end use(s)**

No specific advice for end use available.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control parameters

#### Ingredients with Occupational Exposure Limits (EU)

<u>Name</u>	<u>CAS-No.</u>	<u>LTEL ppm</u>	<u>STEL ppm</u>	<u>STEL mg/m3</u>	<u>LTEL mg/m3</u>
quartz (silicon dioxide)	14808-60-7				
portland cement	65997-15-1				
silicon dioxide (amorphous)	7631-86-9				
alumina oxide	1344-28-1				
titanium dioxide	13463-67-7				

<u>Name</u>	<u>CAS-No.</u>	<u>OEL Note</u>
quartz (silicon dioxide)	14808-60-7	
portland cement	65997-15-1	
silicon dioxide (amorphous)	7631-86-9	
alumina oxide	1344-28-1	
titanium dioxide	13463-67-7	

**FURTHER ADVICE:** Refer to the regulatory exposure limits for the workforce enforced in each country. Some components may not have been classified under the EU CLP Regulation.

#### Chemical Name:

EC No.:

CAS-No.:

#### DNELs - Derived no effect level

Route of Exposure	Workers				Consumers			
	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic
Oral	Not required							
Inhalation								
Dermal								

#### PNEC's - Predicted no effect concentration

Environmental protection target	PNEC
Fresh water	
Fresh water sediments	
Marine water	
Marine sediments	
Food chain	
Microorganisms in sewage treatment	
soil (agricultural)	
Air	

### 8.2 Exposure controls

#### Personal Protection

**RESPIRATORY PROTECTION:** Respirator with filter for organic vapor.

**EYE PROTECTION:** Tightly fitting safety goggles.

**HAND PROTECTION:** Impervious gloves. Long sleeved clothing. Remove and wash contaminated clothing before re-use.

**OTHER PROTECTIVE EQUIPMENT:** No Information

**ENGINEERING CONTROLS:** Ensure adequate ventilation, especially in confined areas.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Colour:	Grey Powder
Physical State	No Information
Odor	Odourless
Odor threshold	Not determined
pH	Miscible with water
Melting point / freezing point (°C)	Not determined
Boiling point or initial boiling point and boiling range (°C)	N.D. - N.D.
Flash Point, (°C)	Not measured
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Lower and upper explosive limit	Not determined
Vapour Pressure	Not determined
Relative vapour density	Not determined
Density and/or relative density	Not determined
Solubility in / Miscibility with water	Not determined
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature (°C)	Not determined
Decomposition temperature (°C)	Not determined
Kinematic viscosity	Not determined
Particle characteristics	Not applicable to liquids

### 9.2 Other information

VOC Content g/l:	0
Specific Gravity (g/cm3)	2.639

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

### 10.2 Chemical stability

No Information

### 10.3 Possibility of hazardous reactions

No Information

### 10.4 Conditions to avoid

No Information

### 10.5 Incompatible materials

No Information

**10.6 Hazardous decomposition products**

No Information

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute Toxicity:**

**Oral LD50:** No information available.

**Inhalation LC50:** No information available.

**Dermal LD50:** No Information

**Irritation:** No information available.

**Corrosivity:** No information available.

**Sensitization:** No information available.

**Repeated dose toxicity:** No information available.

**Carcinogenicity:** No information available.

**Mutagenicity:** No information available.

**Toxicity for reproduction:** No information available.

**STOT-single exposure:** No information available.

**STOT-repeated exposure:** No information available.

**Aspiration hazard:** No information available.

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested.  
Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Name According to EEC</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>	<u>Gas LC50</u>	<u>Dust/Mist LC50</u>
7631-86-9	silicon dioxide (amorphous)	3,160 mg/kg, rat			0.000	0.000
13463-67-7	titanium dioxide	10000 mg/m3, oral (rat)			0.000	0.000

**Additional Information:**

The cement contained within this product may cause dermal sensitization due to the potential presence of trace amounts of hexavalent chromium.

**11.2 Information on other hazards****Endocrine disrupting properties - Toxicity**

**Name According to EEC** **CAS-No.**

No Information



## SECTION 12: Ecological Information

### 12.1 Toxicity:

EC50 48hr (Daphnia):	No information
IC50 72hr (Algae):	No information
LC50 96hr (fish):	No information

12.2 Persistence and degradability: No information

12.3 Bioaccumulative potential: No information

12.4 Mobility in soil: No information

12.5 Results of PBT and vPvB assessment: The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

### 12.6 Endocrine disrupting properties

#### Endocrine disrupting properties - Ecotoxicity

Name According to EEC	CAS-No.
No Information	

12.7 Other adverse effects: No information

<u>CAS-No.</u>	<u>Name According to EEC</u>	<u>EC50 48hr</u>	<u>IC50 72hr</u>	<u>LC50 96hr</u>
14808-60-7	quartz (silicon dioxide)	No information	No information	
65997-15-1	portland cement	No information	No information	
7631-86-9	silicon dioxide (amorphous)	No information	No information	
1344-28-1	alumina oxide	No information	No information	
13463-67-7	titanium dioxide	>100 mg/l (EC50, 48h, Daphnia magna OECD202)ation	No information	>1000 mg/l

## SECTION 13: Disposal Considerations

13.1 WASTE TREATMENT METHODS: It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

European Waste Code:	No Information
Packaging Waste Code:	150110

## SECTION 14: Transport Information

	ADR/RID	ADN	IMDG	IATA
<b>14.1 UN-number or ID number</b>	No Information	No Information	No Information	No Information
<b>14.2 UN proper shipping name</b>	Not regulated for transport according to U.S. DOT, ADR/RID, IMDG, and IATA regulations.	Not regulated for transport according to U.S. DOT, ADR/RID, IMDG, and IATA regulations.	Not regulated for transport according to U.S. DOT, ADR/RID, IMDG, and IATA regulations.	Not regulated for transport according to U.S. DOT, ADR/RID, IMDG, and IATA regulations.
<b>14.3 Transport Hazard Class(es)</b>	No Information	No Information	No Information	No Information
<b>14.4 Packing Group</b>	No Information	No Information	No Information	No Information
<b>14.5 Enviromental Hazards</b>	No Information	No Information	No Information	No Information

- 14.6 Special precautions for user** Not applicable  
**EmS-No.:** Not applicable
- 14.7 Maritime transport in bulk according to IMO intruments** Not applicable

## SECTION 15: Regulatory Information

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

#### National Regulations:

<b>Denmark Product Registration Number:</b>	Not available
<b>Danish MAL Code:</b>	Not available
<b>Danish MAL Code - Mixture:</b>	Not available
<b>Sweden Product Registration Number:</b>	Not available
<b>Norway Product Registration Number:</b>	Not available
<b>Germany WGK Class:</b>	Not available

Covered by Directive 2012/18/EC (Seveso III): Not applicable

Restrictions to product or to substances according to Annex XVII, Regulation (CE) 1907/2006: Not applicable

**Annex XIV, Regulation (CE) 1907/2006 - Authorisation List:**

CAS-No.      Name According to EEC

Not Applicable

**SVHC - Substances of very high concern (Candidate List - Art. 59 REACH):**

CAS-No.      Name According to EEC

Not Applicable

**15.2 Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**SECTION 16: Other Information**

Text for CLP Hazard Statements shown in Section 3 describing each ingredient:

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H350	May cause cancer.
H351	Suspected of causing cancer.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.

**Reasons for revision**

No Information

**List of References:**

This Safety Data Sheet was compiled with data and information from the following sources:

- The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark.
- Joint Research Centre in Ispra, Italy.
- Regulation (EC) 1272/2008 with subsequent amendments.
- Regulation (EC) 1272/2006 with subsequent amendments.
- Commission Regulation (EU) 2020/878
- EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes"
- Safety Data Sheet from raw material supplier
- The classification declared in sec. 2.2 is based on the calculation methods set out in Annex I and Annex II of the CLP Reg. 1272/2008 on the composition of the formula.

**Acronym & Abbreviation Key:**

CLP	Classification, Labeling & Packaging Regulation
EC	European Commission
EU	European Union
US	United States
CAS	Chemical Abstract Service

EINECS	European Inventory of Existing Chemical Substances
REACH	Registration, Evaluation, Authorization of Chemicals Regulation
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
LTEL	Long term exposure limit
STEL	Short term exposure limit
OEL	Occupational exposure limit
ppm	Parts per million
mg/m <sup>3</sup>	Milligrams per cubic meter
TLV	Threshold Limit Value
ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety & Health Administration
PEL	Permissible Exposure Limits
VOC	Volatile organic compounds
g/l	Grams per liter
mg/kg	Milligrams per kilogram
N/A	Not applicable
LD50	Lethal dose at 50%
LC50	Lethal concentration at 50%
EC50	Half maximal effective concentration
IC50	Half maximal inhibitory concentration
PBT	Persistent bioaccumulative toxic chemical
vPvB	Very persistent and very bioaccumulative
EEC	European Economic Community
ADR	International Transport of Dangerous Goods by Road
RID	International Transport of Dangerous Goods by Rail
UN	United Nations
IMDG	International Maritime Dangerous Goods Code
IATA	International Air Transport Association
MARPOL	International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978
IBC	International Bulk Container
RTI	Respiratory Tract Irritation
NE	Narcotic Effects
IMO	International Maritime Organization
Note P:	The classification as a carcinogen or mutagen need not apply; the substance contains less than 0,1 % w/w benzene
Note 10:	The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter $\leq 10 \mu\text{m}$ .

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.