

Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

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

1.1. Product identifier

Code: SM22B
Product name: PAVAFLOOR SM220 - PARTE A
UFI : XNV0-W0WU-E008-NH9J

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

Intended use: not available

1.3. Details of the supplier of the safety data sheet

Name: PAVA RESINE SRL
Full address: Via Dolomiti 6/1
District and Country: 35018 San Martino di Lupari (PD)
Italy
Tel.: +39 0495953085
Fax: +39 0499460866
e-mail address of the competent person responsible for the Safety Data Sheet: info@pavaresine.it

1.4. Emergency telephone number

For urgent inquiries refer to:

- +39 06 68593726 (CAV "Osp. Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione DEA - Roma - 00165)
- +39 800183459 (Az. Osp. Univ. Foggia - Foggia - 71222)
- +39 081 7472870 (Az. Osp. "A. Cardarelli" - Napoli - 80131)
- +39 06 49978000 (CAV Policlinico "Umberto I" - Roma - 161)
- +39 06 3054343 (CAV Policlinico "A. Gemelli" - Roma - 168)
- +39 055 7947819 (Az. Osp. "Careggi" U.O. Tossicologia Medica - Firenze - 50134)
- +39 0382 24444 (CAV Centro Nazionale di Informazione Tossicologica - Pavia - 27100)
- +39 02 66101029 (Osp. Niguarda Ca' Granda - Milano - 20162)
- +39 800883300 (Azienda Ospedaliera Papa Giovanni XXII - Bergamo - 24127)
- +39 800011858 (Azienda Ospedaliera Integrata Verona - Verona - 37126)

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Skin sensitization, category 1

H317

May cause an allergic skin reaction.

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SECTION 2. Hazards identification ... / >>

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words: Warning

Hazard statements:

H317 May cause an allergic skin reaction.

Precautionary statements:

P280 Wear protective gloves.

P261 Avoid breathing dust / fume / gas / mist / vapours / spray.

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

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

Contains: TEPA ADDUCT POLYMER

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage $\geq$ than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration $\geq$ 0.1%.

SECTION 3. Composition/information on ingredients

3.2. Mixtures

Contains:

Identification	x = Conc. %	Classification (EC) 1272/2008 (CLP)
QUARTZ		
INDEX	$30 \leq x < 32,5$	Substance with a community workplace exposure limit.
EC	238-878-4	
CAS	14808-60-7	
TEPA ADDUCT POLYMER		
INDEX	$7 \leq x < 8$	Eye Irrit. 2 H319, Skin Irrit. 2 H315, STOT SE 3 H335, Skin Sens. 1 H317
EC	852-593-8	
CAS	117317-22-3	
TITANIUM DIOXIDE [in powder form contain-ing 1 % or more of particles with aerodynamic dia-meter $\leq 10 \mu\text{m}$]		
INDEX	022-006-00-2	Carc. 2 H351, Classification note according to Annex VI to the CLP Regulation: 10, V, W
EC	236-675-5	
CAS	13463-67-7	

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

SECTION 4. First aid measures ... / >>

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

SECTION 5. Firefighting measures**5.1. Extinguishing media****SUITABLE EXTINGUISHING EQUIPMENT**

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture**HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**

Do not breathe combustion products.

5.3. Advice for firefighters**GENERAL INFORMATION**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage**7.1. Precautions for safe handling**

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

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EN

SECTION 8. Exposure controls/personal protection ... / >>

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN ISO 16321).

RESPIRATORY PROTECTION

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. Use a mask with a type B filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387).

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	not available	
Colour	not available	
Odour	not available	
Melting point / freezing point	not available	
Initial boiling point	not available	
Flammability	not available	
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	> 60 °C	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
pH	not available	
Kinematic viscosity	not available	
Solubility	not available	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	not available	
Density and/or relative density	not available	
Relative vapour density	not available	
Particle characteristics	not applicable	

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

EPY 11.6.1 - SDS 1004.14

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SECTION 10. Stability and reactivity									
10.1. Reactivity									
There are no particular risks of reaction with other substances in normal conditions of use.									
CALCIUM CARBONATE Decomposes at temperatures above 800°C/1472°F.									
10.2. Chemical stability									
The product is stable in normal conditions of use and storage.									
10.3. Possibility of hazardous reactions									
No hazardous reactions are foreseeable in normal conditions of use and storage.									
10.4. Conditions to avoid									
None in particular. However the usual precautions used for chemical products should be respected.									
10.5. Incompatible materials									
CALCIUM CARBONATE Incompatible with: acids.									
10.6. Hazardous decomposition products									
CALCIUM CARBONATE May develop: calcium oxides,carbon oxides.									
SECTION 11. Toxicological information									
In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.									
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008									
<u>Metabolism, toxicokinetics, mechanism of action and other information</u>									
Information not available									
<u>Information on likely routes of exposure</u>									
Information not available									
<u>Delayed and immediate effects as well as chronic effects from short and long-term exposure</u>									
Information not available									
<u>Interactive effects</u>									
Information not available									
<u>ACUTE TOXICITY</u>									
<table> <tr> <td>ATE (Inhalation) of the mixture:</td><td>Not classified (no significant component)</td></tr> <tr> <td>ATE (Oral) of the mixture:</td><td>Not classified (no significant component)</td></tr> <tr> <td>ATE (Dermal) of the mixture:</td><td>Not classified (no significant component)</td></tr> </table>		ATE (Inhalation) of the mixture:	Not classified (no significant component)	ATE (Oral) of the mixture:	Not classified (no significant component)	ATE (Dermal) of the mixture:	Not classified (no significant component)		
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EPY 11.6.1 - SDS 1004.14									

SM22B - PAVAFLOOR SM220 - PARTE A**SECTION 11. Toxicological information ... / >>**

ALUMINUM OXIDE

LD50 (Oral):

> 5000 mg/kg Rat

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

Sensitising for the skin

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

TITANIUM DIOXIDE [in powder form contain-ing 1 % or more of particles with aerodynamic dia-meter ≤ 10 µm]

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 ≤ 10 µm.

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

Information not available

12.2. Persistence and degradability

TITANIUM DIOXIDE [in powder form contain-ing 1 % or more of particles with aerodynamic dia-meter ≤ 10 µm]

Solubility in water

< 0,001 mg/l

Degradability: information not available

CALCIUM CARBONATE

Solubility in water

0,1 - 100 mg/l

ALUMINUM OXIDE

Solubility in water

< 2E-05 mg/l

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SECTION 12. Ecological information ... / >>		
Degradability: information not available 12.3. Bioaccumulative potential Information not available 12.4. Mobility in soil Information not available 12.5. Results of PBT and vPvB assessment On the basis of available data, the product does not contain any PBT or vPvB in percentage $\geq$ than 0,1%. 12.6. Endocrine disrupting properties Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation. 12.7. Other adverse effects Information not available		
SECTION 13. Disposal considerations		
13.1. Waste treatment methods Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.		
SECTION 14. Transport information		
The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations. 14.1. UN number or ID number not applicable 14.2. UN proper shipping name not applicable 14.3. Transport hazard class(es) not applicable 14.4. Packing group not applicable 14.5. Environmental hazards not applicable 14.6. Special precautions for user not applicable		
EPY 11.6.1 - SDS 1004.14		

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SECTION 14. Transport information ... / >>>			
14.7. Maritime transport in bulk according to IMO instruments			
Information not relevant			
SECTION 15. Regulatory information			
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture			
Seveso Category - Directive 2012/18/EU:		None	
Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006			
Product			
Point		3	
Contained substance			
Point		75	
Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors			
not applicable			
Substances in Candidate List (Art. 59 REACH)			
On the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.			
Substances subject to authorisation (Annex XIV REACH)			
None			
Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:			
None			
Substances subject to the Rotterdam Convention:			
None			
Substances subject to the Stockholm Convention:			
None			
Healthcare controls			
Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.			
15.2. Chemical safety assessment			
A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.			
SECTION 16. Other information			
Text of hazard (H) indications mentioned in section 2-3 of the sheet:			
Carc. 2		Carcinogenicity, category 2	
Eye Irrit. 2		Eye irritation, category 2	
Skin Irrit. 2		Skin irritation, category 2	
STOT SE 3		Specific target organ toxicity - single exposure, category 3	
Skin Sens. 1		Skin sensitization, category 1	
H351		Suspected of causing cancer.	
H319		Causes serious eye irritation.	
H315		Causes skin irritation.	
H335		May cause respiratory irritation.	
H317		May cause an allergic skin reaction.	
LEGEND:			
- ADR: European Agreement concerning the carriage of Dangerous goods by Road			
- ATE: Acute Toxicity Estimate			
- CAS: Chemical Abstract Service Number			
- CE50: Effective concentration (required to induce a 50% effect)			
- CE: Identifier in ESIS (European archive of existing substances)			
- CLP: Regulation (EC) 1272/2008			
- DNEL: Derived No Effect Level			
- EmS: Emergency Schedule			
- GHS: Globally Harmonized System of classification and labeling of chemicals			

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- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PMT: Persistent, mobile and toxic
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very persistent and very bioaccumulative
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148
18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
23. Delegated Regulation (UE) 2023/707

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

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SECTION 16. Other information ... / >>

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

Changes to previous review:

The following sections were modified:

01.