



SAFETY DATA SHEET

According to 1907/2006/EC

MICROTALC PT; PV, PW;..

Created: 16-10-2020

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

1.1 Product identifier

Trade name	Microtalc PT, PV, PW, all types
Product type	Talc or Magnesium Silicate Hydrate
Article no.	40xx
CAS no	14807-96-6
EC no	238-877-9
REACH registration no	Exempt

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

Recommended use	White fillers for plastics- & rubber compounds, paints and inks.
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1.3 Details of the supplier/distributor of the safety data sheet

Distributor	SMC Minerals & Chemicals AB Stortorget 29 211 34 Malmö Sweden
Contact person	Anders Mårtensson
Telephone	+46 40 617 12 50
e-mail	anders@smchb.se

1.4 Emergency telephone number	+46 40 617 12 50 (office time)
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Section 2. Hazards identification

2.1 Classification according to Regulation (EC)

No. 1272/2008(CLP)	No classification
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2.2 Other hazards

Particular information pertaining specific risk for human/environment	This substance does not meet the criteria for classification as PBT or vPvB according to annex XIII.
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Section 3. Composition / information on ingredients

3.1 Chemical characterization

Chemical name/family	Substance
Synonym	Talc
Further information	H ₂ O ₃ Si ₃ /4Mg Long time exposition of all kinds of mineral dust can cause breathing problems. Fine powder may irritate and dehydrate your skin.

Section 4. First aid measure

4.1 Description of first aid measures

General advice	In all case of doubt, or when symptoms persist, seek medical advice.
Inhalation	Move person to fresh air. If needed get medical advice.
Skin contact	Wash the skin with soap and water.



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Eye contact	Spread the eye-lid and rinse thoroughly with room-temperature water. Obtain medical advice if any pain or redness persists.
If swallowed	Rinse mouth immediately and drink plenty of water.
4.2 Indication of any immediate medical attention and special treatment needed	First aid, decontamination, treatment of symptoms.

Section 5. Firefighting measures

5.1 Extinguishing media	
Recommended extinguishing media;	The product is non-flammable, no special precautions are necessary.
Extinguishing media which must not be used for safety reasons;	Not relevant
5.2 Special hazards arising from the substance or mixture	The product is stable.
5.3 Advice for fire-fighters	
Special equipment	Self-contained respirator / breathing apparatus (DIN EN 133).
Additional information	No special measures are required.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	Avoid generation and breathing of dust. Avoid contact with skin and eyes. If the formation of dust is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used.
6.2 Environmental precautions	This product is not classified as dangerous to the environment, but avoid spillage to ground or to water systems.
6.3 Methods and material for containment and cleaning up	Dust must be exhausted directly at the point of origin. Use approved industrial vacuum cleaner for removal. To clean the floor and all objects contaminated by this material, use plenty of water. Retain contaminated washing water and dispose it.
6.4 Reference to other sections	See section 8 for personal equipment. See section 13 for waste disposal.

Section 7. Handling and storage

7.1 Precautions for safe handling;	Keep container tightly closed and at a well-ventilated place. Carry out filling operations only at stations with exhaust ventilation facilities. Prevent formation of dust. Use personal protection equipment if the concentration of dust increase the exposure limit values.
7.2 Conditions for safe storage, including any Incompatibilities	Keep container tightly closed at a well-ventilated place.



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Section 8. Exposure controls / personal protection

8.1 Exposure controls;

Personal protection measures:

General protection and hygiene measures

Avoid dust formation. Ensure for good ventilation.

Protect respiratory tracts, eyes and hands at high concentration of dust or at prolonged exposure.

When using do not eat, drink or smoke. Wash hands before breaks and after work.

Respiratory protection

Approved and suitable respiratory protective mask must be used if the concentration exceeds the exposure limit values, according to EN 149: use filter FFP2.

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. See information by the manufacturer.

Eye protection

Wear goggles with side protection according to EN 166.

Skin and body protection

Working overall with long sleeves.

Consumer exposure controls

A) Occupational exposure limit values: (ACGIH, 2010)

8h TWA: 10 mg/m³ (PNOS) (E: inhalable fraction of dust)

8 h TWA: 4 mg/m³ (PNOS) (A: respirable fraction of dust)

B) Environmental exposure controls (Dir 2008/50/EC)

PM10: 50 µg/m³* limit value, one day (1.1.2010)

PM10: 20 µg/m³ limit value, calendar year

PM2.5: 25 µg/m³ target value (1.1.2010)

PM2.5: 25 µg/m³ limit value (1.1.2015)

*not to be exceeded more than 7 times a calendar year

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties;

Physical state

Solid

Form

Powder

Colour

White

Odour

Odourfree

pH-range(100 g/l) at 20°C

9

Change in condition;

Melting point / Melting range

Not applicable

Boiling point / Boiling range

Not applicable

Flashpoint °C

Not applicable

Self-igniting

The product is not self-igniting

Flammability

Not applicable

Explosive properties

No explosive properties

Density at 20°C, g/cm³

2.75

Bulk density at 20°C, g/cm³

0.32

Solubility in water, g/L

0.2

Oxidation

Not oxidising



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Section 10. Stability and reactivity

10.1 Reactivity	The product is stable if stored and handled as advised.
10.2 Thermal decomposition / conditions to be avoided	No decomposition if used and stored according to specifications.
10.3 Dangerous reactions	No dangerous reactions known.
10.4 Conditions to be avoided	Avoid contact with skin, eyes and clothes.
10.5 Materials to be avoided	None, see section 7.
10.6 Dangerous decomposition products	No dangerous decomposition products known.

Section 11. Toxicological information

11.1 Additional information Other information (section 16)	The product does not meet the criteria for classification as hazardous as laid down in (EC) No. 1272/2008 (CLP) for any toxicological endpoint.
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Section 12. Ecological information

12.1 Persistence and degradability Biodegradability	The product is inorganic. The method for determining the biological degradability are not applicable to inorganic substances.
12.2 Bioaccumulative potential	Not applicable. The product / the substance is inorganic.
12.3 Mobility in soil	No data is available.
12.4 Results of PBT and vPvB assessment	The product / the substance is inorganic.
12.5 Other adverse effects	The product does not meet the criteria for classification as hazardous to the environment as laid down in (EC) No. 1272/2008 (CLP) for any eco-toxicological endpoint.

Section 13. Disposal considerations

13.1 Waste treatment methods Disposal considerations	The material should be recovered for recycling if possible. This material is not classified as hazardous waste according to the Commission decisions 2000/532/EC and 2001/118/EC. Prior to disposal of large quantities of the product advice should be sought from the Environment Agency Office.
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Section 14. Transport information

14.1 Transport information	
UN	-
ADR/RID	Not subject to classification
IMDG	Not subject to classification
ICAO/IATA	Not subject to classification



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Section 15. Regulatory information

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

Additional regulations

Specific national regulations must be considered.

Waste hazards class (self-classification)

Non-hazardous to water (nwg).

15.2 Chemical safety assessment

Safety assessment

The SDS has been compiled in compliance with (EC) No. 1907/2006 (REACH) and (EC) No. 1272/2008 (CLP). Conclusion from CSA: non-hazardous.

Section 16. Other Information

16.1 General information

REACH article 31(7) requires relevant exposure scenarios from the Chemical Safety Report (CSR) to be placed into the annex to the Safety Data Sheet. According to REACH Annex 1, section 0, subsection 0.6. no. 4 and 5 however, exposure scenarios are only required for hazard-classified substances or preparations. Since the product is not hazard-classified, there is no requirement for exposure scenarios.