

SAFETY DATA SHEET PLUSTALC N

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product name : Plustalc N
Commercial product name : Plustalc N275 (LAS), Plustalc N325, Plustalc N450, Plustalc N625, Plustalc N1250, Plustalc N2200
Synonyms : Talc, Talcum, Hydrous Magnesium Silicate, Hydrated Magnesium Silicate, Steatite, Soapstone, Taljsten
Use of the substance/preparation : This product is used as an auxiliary substance in the production process for the paper, the paint, the ceramics and the plastics industry
Chemical formula : $Mg_3Si_4O_{10}(OH)_2$
CAS Number : 14807-96-6
EINECS Number : 238-877-9
Supplier : CITIC International Co. Ltd
 14 F Capital Mansion
 6 Xinyuannan Road, Chaoyang
 Beijing 100004 CHINA.

Emergency telephone number : See section 16

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation : Substance

Information on hazardous ingredients *

Chemical name	CAS No.	%	Products	EINECS Number	Symbol	R-Phrases
Talc	14807-96-6	≥ 96		238-877-9	-	-
Quartz	14808-60-7	< 1	N325/450/625/ N1250/2200		238-878-4	X(n) R48/20
Quartz	14808-60-7	< 2.5	N275 LAS	238-878-4	X(n)	R48/20

Classified as hazardous according to the criteria of NOHSC

** Occupational Exposure Limit(s), if available, are listed in section 8*

** R-phrases (complete text) are listed in section 16*

Other information : This product does not contain asbestos fibres as defined by the US Occupational Safety and Health Administration (OSHA) and the European Directive 83/477/EEC, when analysed by conventional methods. This statement is based upon verification by certified independent laboratories. This product is suitable for food contact, but not for human consumption. For use in foodstuff, pharmaceutical or cosmetics please contact your OMYA agent.

3. HAZARDS IDENTIFICATION

Physical/chemical hazards : The data available do not support any physical or chemical hazard.
Human health hazards : Harmful by inhalation.
Environmental hazards : The data available do not support any environmental hazard.

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4. FIRST-AID MEASURES

Effects and symptoms

Inhalation : May be irritating to respiratory system. Exposure may result in depressed respiration, coughing, nausea and sore throat.

Ingestion : Prolonged or repeated exposure may be irritating to mouth, throat and oesophagus (sore throat, nausea and retching).

Skin contact : No specific effects and/or symptoms have been reported or known.

Eye contact : Prolonged or repeated eye contact may be irritating (redness, pain)

First-aid measures

Inhalation : Remove victim to fresh air. Keep victim at rest.

Ingestion : Wash out mouth with plenty of water. Consult a doctor in the event of any complaints.

Skin contact : Remove contaminated clothing. Wash off with water. Consult a doctor in the event of any complaints.

Eye contact : Immediately wash out with plenty of water with the eyelid held wide open for at least 15 minutes. After initial flushing, remove any contact lenses and continue flushing. Consult a doctor if pain persists.

Protection of first-aiders : Avoid exposure. Use appropriate protection (see section 8).

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable : Not flammable. All types of extinguishing agent permitted.

Special fire-fighting procedures : Dike fire control water for later disposal. Avoid generation of dust.

Hazardous thermal (de)composition products : None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Prevent formation of clouds of dust. Keep away from water: slipperiness.

Environmental precautions : Prevent dispersion. Do not allow to enter sewage system.

Methods for cleaning up : Collect spilled material in sealable containers.

7. HANDLING AND STORAGE

Handling : When handling the product, allow for materials and conditions which should be avoided (see section 10). Avoid exposure. Use appropriate protection (see section 8). Prevent formation of clouds of dust.

Storage : No specific protective measures are required.

Packaging materials

Suitable : Keep in containers (big bags, bags (paper), bulk).

Specific use(s) : Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures : Ventilation recommended.

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Hygiene measures	: When using do not eat, drink or smoke. Follow good housekeeping practices.
Occupational Exposure Limits	
Chemical name	: Quartz
Occupational Exposure Limits	: 0.2 mg/m ³ for inspirable dust (8 hr TWA)
Chemical name	: Talc
Occupational Exposure Limits	: 2.5 mg/m ³ for inspirable dust (8 hr TWA)
<u>Personal protective equipment</u>	
Respiratory system	: With sufficient ventilation, extraction or closed system, breathing apparatus not necessary. In the event of possible exposure: dust filter P2.
Skin and body	: Wear suitable protective clothing (working clothing).
Hands	: Wear suitable gloves (working gloves). Material: rubber, cotton gloves Breakthrough time: > 480 minutes
Eyes	: Not applicable.
Environmental exposure controls	: EU Regulations 76/464/EEC (Water): Not applicable EU Regulations 1999/30/EC (Air): Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Solid, powder.
Colour	: White.
Odour	: Odourless.
Melting point	: Not available.
Density	: 2.75 g/cm ³ DIN/ISO 787 part 10
Vapour pressure	: Not applicable.
Solubility in water	: <0.2% DIN/ISO 787 part 3
pH	: ca. 9 (100 g/l H ₂ O) DIN/ISO 787 part 9
Flash point	: Not flammable
Flammability	: Not flammable.
Explosion properties	: Not explosive.

10. STABILITY AND REACTIVITY

Stability	: Stable under normal conditions.
Hazardous reactions	: Not applicable.
Hazardous decomposition products	: None.

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11. TOXICOLOGICAL INFORMATION

Chemical name	: Talc
Acute toxicity - Oral	: Not harmful. (1)
Acute toxicity - Dermal	: Not harmful.
Acute toxicity - Inhalation	: Not harmful. May be irritating.
Skin irritation	: Mildly irritating (300 µg, 3 days, I) (2)
Eye irritation	: May be irritating.
Sensitization	: Not available.
Carcinogenicity	: IARC classification: group 3 (mouse, 2 year study): Negative (3) (rat, > 2 year study): Positive (3)
Mutagenicity	: Not mutagenic. (4)
Reproduction toxicity	: Not teratogenic in animal experiments. (5)
Other information	: (1) IARC Monographs on Talc, Carcinogenic Risk of Chemicals to Humans. Vol. 42. Silica and some silicates pp. 185-224, International Agency for Research on Cancer, Lyon, 1987. (2) Cutaneous Toxicity, Proceedings of the 3rd Conference, 1976, Drill, VA and P. Lazar, eds., New York, Academic Press Inc. 1977. (3) TR-421 Toxicology and Carcinogenicity studies of Talc, NTIS, PB94-215985, September 1993. (4) S. Endo-Capron, A. Reiner, X. Janson, L. Keuhang, M.C. Jaunard, Toxic. in Vireo / (1) 7-14 (1993). (5) Food & Drug Research Laboratories, Teratologic Evaluation FDA 71-43 (talc) (PB-223828), 1973, Washington DC, NTIS.

12. ECOLOGICAL INFORMATION

Mobility	: Not applicable.
Persistence/degradability	: Not applicable.
Bioaccumulative potential	: Not applicable.
Ecotoxicity	: Not harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Methods of disposal	: Disposal according to the local legislation.
Waste of residues	: Keep waste separate. Because of possible pollution, remove as industrial waste or hazardous waste.
Contaminated packaging	: Keep waste packaging separate. Because of possible pollution, remove as industrial waste or hazardous waste.

14. TRANSPORT INFORMATION

UN number : Free for transport regulations.

National transport regulations Australia : No additional national transport regulations are required.

New Zealand : No additional national transport regulations are required.

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15. REGULATORY INFORMATION

EU Regulations

EU Classification : This product does not have to be classified according to the EU or
(67/548/EEC-1999/45/EC) Australian regulations

National regulations

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16. OTHER INFORMATION

The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.

List of relevant R-phrases : - R20 Harmful by inhalation
- R48 Danger of serious damage to health by prolonged exposure

CONTACT POINT

AUSTRALIA

Omya Australia Pty Ltd
Suite 202,280 Pacific Highway
(PO Box 430) Lindfield NSW 2070
NSW/ACT (02) 9416 6077
VIC/TAS (03) 9866 3357
QLD/NT (07) 3372 2800
SA/WA (08) 8296 1255

NEW ZEALAND

Omya New Zealand Ltd
4B Pacific Rise
(PO Box 62-118) Mt Wellington, 1130
Auckland
tel. 0957329500

Date of printing : 24-01-2007
Date previous issue : 02-12-2004
Date of issue : 24-01-2007
Version :