



SAFETY DATA SHEET

1. Identification of the preparation and of the company/undertaking

Product Name and/or Code : HEMPEL'S ANTI SLINT POWDER 67500
6750099980

Company name and address : Hempel A/S
Lundtoftevej 150
DK-2800 Kgs. Lyngby
Denmark
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Emergency phone:
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See section 4 First aid measures.

Product Type : mineral powder

Field of application : metal industry, ships and shipyards.

Date of issue : 19-05-2004.

Date of Previous Issue : 10-05-2004.

2. Composition/information on ingredients

Ingredients presenting a hazard within the meaning of EU and National regulations.

Ingredient Name	CAS No.	%	EC Number	Classification
quartz (chrySTALLine, non respirable)	14808-60-7	75 - 100	238-878-4	Not available.
quartz (chrySTALLine, respirable)	14808-60-7	1 - 2	238-878-4	Not available.

Notes

(*) See full text of phrases under section 16 and occupational Exposure Limit(s), if available, are listed in section 8

3. Hazards identification



4. First aid measures

General : In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation : Move the person into fresh air and keep the person under surveillance.

Eye Contact : Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. In all cases of doubt, or when symptoms persist, seek medical attention.

Skin Contact : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Ingestion : If swallowed, seek medical advice immediately and show this document. Keep person warm and at rest. Do NOT induce vomiting unless directed to do so by medical personnel. Lower the head so that the vomit will not reenter the mouth and throat.

5. Fire-fighting measures

Exposure to decomposition products may cause a health hazard. Fire-fighters should wear proper protective equipment. Cool closed containers exposed to fire with water. Do not release runoff from fire to sewers or waterways.

Extinguishing Media : Recommended: alcohol resistant foam, CO₂, powders, water spray.
Not to be used : waterjet.

Fire Degradation Products : Some metallic oxides.

6. Accidental release measures

Contain and collect spillage, keep spillage wetted to avoid dusting when handling. Place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses. Clean preferably with a detergent; avoid use of solvents. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulation.

7. Handling and storage

Handling

Avoid inhalation of vapour, dust and spray mist. Avoid contact with skin and eyes. Eating, drinking and smoking should be prohibited in area where this material is handled, stored and processed. Appropriate personal protective equipment: see Section 8. Always keep in containers made from the same material as the original one.

Storage

Keep away from: Oxidizing agents, strong alkalis, strong acids. No smoking. Prevent unauthorized access. Containers that are opened must be carefully resealed and kept upright to prevent leakage.

8. Exposure controls/personal protection

- Engineering measures** : Arrange sufficient ventilation by local exhaust ventilation and good general ventilation to keep the airborne concentrations of vapors or dust lowest possible and below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
- Hygiene measures** : Wash hands, forearms, and face thoroughly after handling the product and before eating, smoking, using lavatory, and at the end of day.

Ingredient Name	Occupational Exposure Limits
quartz (chrySTALLINE, non respirable)	<p>ACGIH TLV (Europe, 2/2003). Notes: Substance identified by other sources as a suspected or confirmed human carcinogen. Respirable fraction. The concentration of respirable dust for the application of this limit is to be determined for the fraction passing a size-selector with the characteristics defined in the "C." paragraph of Appendix D. Substances for which the TLV is higher than the OSHA Permissible Exposure Limit (PEL) and/or the NIOSH Recommended Exposure Limit (REL). See CFR 58(124) :36338-33351, June 30, 1993, for revised OSHA PEL.</p> <p>Substance identified by other sources as a suspected or confirmed human carcinogen. Respirable fraction. The concentration of respirable dust for the application of this limit is to be determined for the fraction passing a size-selector with the characteristics defined in the "C." paragraph of Appendix D. Substances for which the TLV is higher than the OSHA Permissible Exposure Limit (PEL) and/or the NIOSH Recommended Exposure Limit (REL). See CFR 58(124) :36338-33351, June 30, 1993, for revised OSHA PEL.</p> <p>TWA: 0.05 mg/m³ 8 hour(s). Form: Respirable fraction</p>
quartz (chrySTALLINE, respirable)	<p>ACGIH TLV (Europe, 2/2003). Notes: Substance identified by other sources as a suspected or confirmed human carcinogen. Respirable fraction. The concentration of respirable dust for the application of this limit is to be determined for the fraction passing a size-selector with the characteristics defined in the "C." paragraph of Appendix D. Substances for which the TLV is higher than the OSHA Permissible Exposure Limit (PEL) and/or the NIOSH Recommended Exposure Limit (REL). See CFR 58(124) :36338-33351, June 30, 1993, for revised OSHA PEL.</p> <p>Substance identified by other sources as a suspected or confirmed human carcinogen. Respirable fraction. The concentration of respirable dust for the application of this limit is to be determined for the fraction passing a size-selector with the characteristics defined in the "C." paragraph of Appendix D. Substances for which the TLV is higher than the OSHA Permissible Exposure Limit (PEL) and/or the NIOSH Recommended Exposure Limit (REL). See CFR 58(124) :36338-33351, June 30, 1993, for revised OSHA PEL.</p> <p>TWA: 0.05 mg/m³ 8 hour(s). Form: Respirable fraction</p>

Personal protective equipment

- General** : Gloves must be worn for all work that may result in soiling. Apron/coveralls/protective clothing must be worn when soiling is so great that regular work clothes do not adequately protect skin against contact with the product. Safety eyewear should be used when there is a likelihood of exposure.
- Respiratory system** : Wear appropriate respirator when ventilation is inadequate. Be sure to use approved/certified respirator or equivalent. Always wear air-fed respirator when spraying. It is not possible to specify precise filter type, since the actual work situation is unknown. Supplier of respirators should be contacted in order to find the appropriate filter.
- Skin and body** : If necessary wear protective clothing. Always wear protective clothing when spraying.

Hands : Wear suitable gloves. Barrier creams may help to protect the exposed areas of the skin, but should not be applied once exposure has occurred. Barrier creams may not be used under or instead of gloves.
It is not possible to specify precise type of gloves, since the actual work situation is unknown. Supplier of gloves should be contacted in order to find the appropriate type.

9. Physical and chemical properties

Physical state : Solid.
Melting Point : 1710°C based on data for: quartz (chrySTALLINE, non respirable)
Density : 2.65 g/cm³
% Solvent by Weight : Weighted average: 0 %
% Water by Weight : Weighted average: 0 %
VOC Content : Weighted average: 0 g/l (CEPE)
TOC Content : Weighted average: 0 g/l (based on data for: Solvent.)
Solvent Gas : 0 m³/l Paint.

10. Stability and reactivity

Stable under recommended storage and handling conditions (see section 7).

When exposed to high temperatures (i.e. in case of fire) harmful decomposition products may be formed:
Some metallic oxides.

11. Toxicological information

Effects and symptoms

12. Ecological information

The product must not be drained into water courses or drainage system.

13. Disposal considerations

Residues of the product is not listed as hazardous waste. Dispose of according to all state and local applicable regulations.

European waste catalogue no. (EWC) and national waste group, catalogue, code or number is given below.

EWC no. : 08 01 12

14. Transport information

Transport may take place according to national regulation or ADR for transport by road, RID for transport by train, IMDG for transport by sea.

The transport classification is according to ADR 2003, IMDG edition 2002 (incl. Amdt. 31-02).

	UN-no.	Proper shipping name	Class	PGr.	Label	Additional information
ADR/RID Class		Not dangerous goods	-			
IMDG Class		Not dangerous goods	-			

15. Regulatory information

Classification and labelling according to EU-Directives (the Preparations directive etc.).

Risk Phrases : This product is not classified according to the EU regulations.

Safety Phrases : S23- Do not breathe vapor/spray.

Additional Warning Phrases : Safety Data Sheet available for professional user on request.

Other EU Regulations

Classification and labeling have been performed according to EU directives 67/548/EEC, 1999/45/EC including amendments and the intended use.

- Industrial applications, Used by Spraying.

16. Additional information

Notice to Reader

Modified data or content compared with the previous version are marked with a triangular marker in the upper-left corner within the Safety Data Sheet.

The information contained in this safety data sheet is based on the present state of knowledge and EU and national legislation. It provides guidance on health, safety and environmental aspects for handling the product in a safe way and should not be construed as any guarantee of the technical performance or suitability for particular applications. It is always the duty of the user/employer to ascertain that the work is planned and carried out in accordance with the national regulations.