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34119-0100
-0400

MATERIAL SAFETY DATA SHEET

Productname: PAVERPLAST

Use of the substance / preparation

The product is used in industrial manufacturing, in particular in:

- Ceramics (sanitary ware, floor tiles, wall tiles, roof tiles, tiles; porcelain, table ware, fine ceramics, refractories etc.)
- Enamels
- Glass
- Different non-ceramic applications such as e.g. fillers and additives.

Preparation

The Ground Clay is ground in dry form.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical	:	Aluminosilicate
E.I.N.E.C.S.-N°	:	310-127-6
C.A.S.-N°	:	Not applicable
EU-Classification	:	No classification

This material contains crystalline silica (not listed in Annex 1 of Directive 67/548 EEC) in quantity up to 80%.

3. HAZARD IDENTIFICATION

Kaolinic clays are not listed in Annex I of Directive 67/548 EEC as amended.

The product does give potential for generation of respirable dust during handling and use. Dust may contain respirable crystalline silica. Prolonged inhalation of respirable dust may cause lung fibrosis. Principal symptoms of lung fibrosis are cough and breathlessness. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled. Slip hazard in case of water contact.

4. FIRST AID MEASURES

No actions to be avoided, nor special instructions for rescuers.

Eye contact

For direct contact, flush the affected eye with clean water. If irritation develops, seek medical attention.

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Supplier of:

Paverpol

AP

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Remove from source to fresh air. If symptoms occur, seek medical attention

Skin contact
No special measure

5. FIRE-FIGHTING MEASURES

Not flammable, nor explosive. No hazardous releases in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
In case of exposure to high level of airborne dust, wear a respirator mask with particle filter class P2!

Environmental precautions
No special requirements.

Methods for cleaning up (Laud spill)
Avoid dry sweeping and use water spraying or ventilated vacuum system to prevent dust formation.

7. HANDLING AND STORAGE

Safe Handling Advice
No special handling precautions are required. Good housekeeping procedures should be followed to minimise dust generation and accumulation. In case of insufficient ventilation, wear a suitable respiratory mask (particle filter class P2)!

Storage Advice
NO specific requirements. Provide appropriate ventilation and store bags such as to prevent any accidental damage.

Specific Use(s)
No special technical measures or precautions.

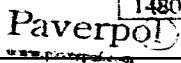
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit values
Respect regulatory provisions for dust (inhalable and respirable) and for respirable quartz. Please refer to the annex 1 (enclosed) for the appropriate national exposure limit values.

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CAE National code	Material Description	Products International code	Limit
14808-607	Quartz	Postbus 45 4328 ZG BUDA	0.15 mg/m ³

Inventory code name:
supplier code



tel. +31 (0)711 48 91 165 - 48 91 166 - 48 91 167 - 48 91 168
 Postbus 45 4328 ZG BUDA
 International payments: IBAN code NL22 0438 54 1000 0001 0001 0001
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11. TOXICOLOGICAL INFORMATION

Prolonged inhalation of respirable crystalline silica

In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However, it pointed out that not all industrial circumstances, nor all crystalline silica types, were to be incriminated. (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.)

In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis and is sufficient information to conclude that the relative risk of lung cancer is increased.

silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore preventing the onset of silicosis will also reduce the cancer risk..." (SCOEL SUM Doc 94-final, June 2003)

There is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits.

Skin irritation data

Not irritant to skin

Eye irritation data

Mild irritant to eyes (optional: according to the modified Kay & Calandra criteria)

12. ECOLOGICAL INFORMATION

No specific adverse effect known.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products

Can be land filled in compliance with local regulations. The material should be buried to prevent airborne respirable dust being emitted. Where possible, recycling should be preferred to disposal.

Packaging

No specific requirements. In all cases dust formation from residues in the packaging should be avoided and suitable worker protection be assured.

14. TRANSPORT INFORMATION

No specific requirements. In all cases dust formation from residues in the packaging should be avoided and suitable worker protection be assured.

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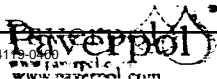
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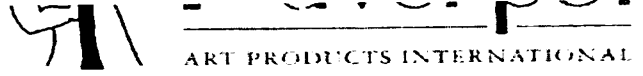
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15. REGULATORY INFORMATION

None

16. OTHER INFORMATION

Dioxins

The material may contain trace amounts (parts per trillion) of naturally occurring dioxin congeners (PCDD, PCDF) including TCDD. 2,3,7,8. TCDD has been classified as a known human carcinogen by the IARC in Monograph 69 (1997). If this material is used for food, feed, or cosmetic purposes, it is highly recommended to check whether it fulfils the requirements of relevant legislation, in particular with regards to dioxins content.

Training

Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.

updated 16 oct 2007



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