PLAINTIFF'S EXHIBIT SA-558

International Labour Organization

International Occupational Safety and Health Information Centre (CIS)

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# CHRYSOTILE

**ICSC: 0014**
**March 1999**

Asbestos, chrysotile
White asbestos
Serpentine chrysotile

**CAS No: 12001-29-5**
RTECS No: CI6478500
UN No: 2590
EC No: 650-013-00-6

$Mg_3Si_2H_4O_6$ / $Mg_3(Si_2O_5)(OH)_4$
Molecular mass: 554

| TYPES OF HAZARD / EXPOSURE | ACUTE HAZARDS / SYMPTOMS | PREVENTION | FIRST AID / FIRE I |
|---|---|---|---|
| FIRE | Not combustible. | | In case of fire in the su all extinguishing agent |
| EXPLOSION | | | |
| | | | |
| EXPOSURE | | PREVENT DISPERSION OF DUST! AVOID ALL CONTACT! | |
| Inhalation | Cough. | Breathing protection. Closed system and ventilation. | Fresh air, rest. |
| Skin | | Protective gloves. Protective clothing. | Remove contaminated Rinse skin with plenty shower. |
| Eyes | | Safety goggles, or eye protection in combination with breathing protection if powder. | First rinse with plenty several minutes (remo lenses if easily possibl to a doctor. |
| Ingestion | | Do not eat, drink, or smoke during work. Wash hands before eating. | Rinse mouth. |

| SPILLAGE DISPOSAL | PACKAGING & LABELLING |
|---|---|
| Evacuate danger area! Consult an expert! Vacuum spilled material, then remove to safe place. (Extra personal protection: complete protective clothing including self-contained breathing apparatus). | T Symbol<br>R: 45-48/23<br>S: 53-45<br>Note: E<br>UN Hazard Class: 9<br>UN Pack Group: III |

| EMERGENCY RESPONSE | STORAGE |
|---|---|
| Transport Emergency Card: TEC (R)-913 | Well closed. |

## IMPORTANT DATA

**Physical State; Appearance**
WHITE, GREY, GREEN OR YELLOWISH FIBROUS SOLID.

**Occupational exposure limits**
TLV: 0.1 fibres/cc (as TWA) A1 (ACGIH 1998. For fibres longer than 5 um with an aspect ratio equal to or greater than: 3:1 as determined by the membrane filter method at 400-450X magnefication (4-mm objective) phase contrast elimination).
MAK: class III A1 (1993)
0.6 fibres/cm³ EC OELs

**Routes of exposure**
The substance can be absorbed into the body by inhalation.

**Inhalation risk**
Evaporation at 20°C is negligible; a harmful concentration of airborne particles can, however, be reached quickly.

**Effects of long-term or repeated exposure**
The substance may have effects on the lungs, resulting in pulmonary fibrosis and mesothelioma. This substance is carcinogenic to humans.

| PHYSICAL PROPERTIES | ENVIRONMENTAL DATA |
|---|---|
| Melting point (decomposes): see Notes<br>Density: 2.2-2.6 g/cm³<br>Solubility in water: none | |

## NOTES

The substance is heat resistant up to 500°C and completely decomposed at temperatures of 1000 °C.
Depending on the degree of exposure, periodic medical examination is indicated.
Do NOT take working clothes home.
The recommendations on this Card also apply to other forms of asbestos.
Avibest C, 7-450 asbestos, Calidria RG 144, Calidria RG 600, Calidria RG 100, Hooker no.1 chrysotile asbestos, K 6-30, Plastibest 20, RG 600, 5RO4, Sylodex, Cassiar AK, Cassiar A 65, Fritmag, P 3 -50 and P 4-20 are trade names.
Other CAS number: 132207-32-0.

IPCS
International
Programme on
Chemical Safety

Prepared in the context of cooperation between the International Programme on Chemical Safety and the European Commission




*Updated by AS. Approved by EC. Last update: 10.10.2000*

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