

International Chemical Safety Cards

CHRYBOTILE

ICSC: 0014



Asbestos, chrysotile
 White asbestos
 Serpentine chrysotile
 $\text{Mg}_3\text{Si}_2\text{H}_4\text{O}_6 / \text{Mg}_3(\text{Si}_2\text{O}_5)(\text{OH})_4$
 Molecular mass: 554

ICSC # 0014
 CAS # 12001-29-5
 RTECS # CI6478500
 UN # 2590
 EC # 650-013-00-6



TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/ SYMPTOMS	PREVENTION	FIRST AID/ FIRE FIGHTING
FIRE	Not combustible.		In case of fire in the surroundings: all extinguishing agents allowed.
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 clothes. Rinse skin with plenty of water or shower.
• EYES		Safety goggles, or eye protection in combination with breathing protection if powder.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
• INGESTION		Do not eat, drink, or smoke during work. Wash hands before eating.	Rinse mouth.

PLAINTIFF'S EXHIBIT

SA-496

SPILLAGE DISPOSAL	STORAGE	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).	Well closed.	Note: E T symbol R: 45-48/23 S: 53-45 UN Hazard Class: 9 UN Packing Group: III
SEE IMPORTANT INFORMATION ON BACK		
ICSC: 0014 Prepared in the context of cooperation between the International Programme on Chemical Safety & the Commission of the European Communities (C) IPCS CEC 1999. No modifications to the International version have been made except to add the OSHA PELs, NIOSH RELs and NIOSH IDLH values.		

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I M P O R T A N T D A T A	PHYSICAL STATE; APPEARANCE: WHITE, GREY, GREEN OR YELLOWISH FIBROUS SOLID.	ROUTES OF EXPOSURE: The substance can be absorbed into the body by inhalation.
	PHYSICAL DANGERS:	INHALATION RISK: Evaporation at 20°C is negligible; a harmful concentration of airborne particles can, however, be reached quickly.
	CHEMICAL DANGERS:	EFFECTS OF SHORT-TERM EXPOSURE:
	OCCUPATIONAL EXPOSURE LIMITS: TLV: 0.1 fibres/cc (as TWA) A1 (ACGIH 1998. For fibres longer than 5 µm with an aspect ratio equal to or greater than: 3:1 as determined by the membrane filter method at 400-450X magnification (4-mm objective) phase contrast elimination). MAK: class III A1 (1993) 0.6 fibres/cm ³ EC OELs	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	Melting point (decomposes): see Notes Density: 2.2-2.6 g/cm ³	Solubility in water: none
ENVIRONMENTAL DATA		
NOTES		
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.

Transport Emergency Card: TEC (R)-913

ADDITIONAL INFORMATION**ICSC: 0014****CHRYSTILE**

(C) IPCS, CEC, 1999

**IMPORTANT
LEGAL
NOTICE:**

Neither NIOSH, the CEC or the IPCS nor any person acting on behalf of NIOSH, the CEC or the IPCS is responsible for the use which might be made of this information. This card contains the collective views of the IPCS Peer Review Committee and may not reflect in all cases all the detailed requirements included in national legislation on the subject. The user should verify compliance of the cards with the relevant legislation in the country of use. The only modifications made to produce the U.S. version is inclusion of the OSHA PELs, NIOSH RELs and NIOSH IDLH values.