

Cremonini s.r.l.

Special earth surfaces for sports installations

Safety Information Sheet — Tennis court surface

1 IDENTIFICATION OF THE PRODUCT

1.1 Identification of the substance or preparation

Manto Tennis, Manto Avtivento, Sottomanto

1.2 Utilization of the substance/preparation

Used for sports installations as the playing surface

1.3 Identification of the company/enterprise

Cremonini s.r.l.

Via Pila Cipolla, 6

FABBRICA fraz. di Imola (BO)

Tel 0542 666381 - Fax 0542 665074

VAT, tax code and Company's Registry number 01593001207 – REA BO nr. 350141

Website: www.cremoninisrl.it – e-mail: cremonini@cremoninisrl.it

1.4 Emergency telephone

Tel 0542 666381 - Fax 0542 665074

2 COMPOSITION AND INFORMATION ABOUT COMPONENTS

Components of the preparation

Mixture of oxides and natural aluminosilicates.

Product deriving from the grinding up of fired bricks at a controlled temperature between 900°C - 1000°C.

There are no hazardous substances or preparations present in a quantity more than 1%.

3 IDENTIFICATION OF THE HAZARDS

General indications

The preparation is not classified as hazardous according to the European Directive CEE 67/548 and successive amendments.

The main hazards associated to the use of this substance are:

3.1 Inhalation	The powder of the substance can cause irritation of the respiratory tract following prolonged exposure.
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Exposures

3.2 Contact with the skin	No hazard
3.3 Contact with the eyes	The powder of the substance can cause irritation to the eyes
3.4 Ingestion	The preparation can cause damage to the digestive tract in large quantities.

4 FIRST AID EMERGENCY MEASURES

4.1 Inhalation	In the case of inhaling large quantities of powder, take the person to an open, ventilated place. Consult a medic, giving him this Safety Information Sheet.
4.2 Contact with the eyes	In the case of contact with the eyes, do not rub them and wash immediately with drinking water for some minutes. Consult a medic, giving him this Safety Information Sheet.
4.3 Ingestion	In the case of ingestion of large quantities, rinse the oral cavity with drinking water and abundantly drink water. Consult a medic, giving him this Safety Information Sheet.

5 FIRE EXTINGUISHING MEASURES

The preparation is not inflammable (Class 1, in accordance with the Ministerial Decree 15/03/2005).

Toxic gases are not liberated following high temperatures.

Use adequate extinguishing devices in the presence of any chemical substances.

6 MEASURES IN CASE OF ACCIDENTAL DISPERSION

In the case of accidental dispersion of large quantities of the substance, operate as follows:

6.1 Precautions for persons to take	Avoid the formation of powder. In the case of a sizeable quantity of powder being released, wear suitable personal protective clothing, including FFP1 anti-powder mask and, if necessary an air respirator.
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6.2 Environmental precautions	Remove the dispersed material using suction vacuum equipment. Do not discharge in water courses or drainage systems.
6.3 Reclamation method	By using suction vacuum equipment or collection of the preparation.

7 HANDLING AND STORAGE

7.1 Handling	Handling of the preparation can be carried out in closed environments. Always ensure a good ventilation of the environments.
7.2 Storage	No particular precautions. Storage is preferable in closed, dry environments.

8 PERSONAL PROTECTION/EXPOSURE CONTROL

8.1 Limit values per exposure			5 mg/m ³ (generic value of powder content)
8.2 Exposure control			The necessary provisions are composed of using Personal Protection Equipment (PPE) as a norm of good practice
	8.2.1	Professional exposure control	The utilization of the substance could make it necessary to use Personal Protection Equipment (PPE)
		<i>8.2.1.2 Respiratory protection</i>	Utilize face masks with a FFP1 anti-powder filter
		<i>8.2.1.3 Protection of the hands</i>	No particular protection
		<i>8.2.1.4 Protection of the eyes</i>	No particular protection
	8.2.2	Environmental exposure control	Norms of good practice must be adopted to avoid the formation and diffusion of powder in the environment during handling operations of the substance

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9 PHYSICAL AND CHEMICAL PROPERTIES

General information	
Physical state	Solid
Color	Intense red
Odor	Odorless
Ph	Approx. 10
Fusion temperature	Not applicable
Boiling temperature	Not applicable
Decomposition temperature	Not applicable
Flash point/Self-combustion	Not applicable
Explosion characteristics	None
Pressure and density of the vapor	Not applicable
Solubility	Not soluble in water Soluble in hydrofluoric acid
Apparent density	1.2 g/cm ³

10 STABILITY AND REACTIVITY

The product is stable under normal conditions

10.1 Conditions to avoid None

10.2 Materials to avoid None

10.3 Decomposition products to avoid None

11 TOXICOLOGICAL INFORMATION

The material is not toxic for human beings with regards to skin contact, inhalation and ingestion.

No effects on the skin have been noted after prolonged contact.

Exposure to large quantities of powder could cause irritation to the respiratory apparatus.

Contact with powder to the eyes can cause irritation.

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12 ECOLOGICAL INFORMATION

The product does not demonstrate effects, transformations, or behavior such to cause damage to the environment during normal utilization according to norms of good practice.

12.1 Ecotoxicity Not applicable

12.2 Mobility Not applicable

12.3 Persistence and degradability Not applicable

12.4 Potential bioaccumulation Not applicable

13 INFORMATION REGARDING DISPOSAL

The substance must be disposed of as waste material in accordance with the norms in force (Legislative Decree 22/97 and successive amendments)

14 INFORMATION ABOUT TRANSPORTATION

The substance does not come within the range of hazardous products regarding transportation and therefore does not come within the hazard classes foreseen by ADR (road transport), IMDG (maritime transport), RID (railway transport) and ICAIO/IATA (air transport).

During transportation, keep the substance in closed containers to avoid dispersion of the same by wind.

15 INFORMATION ABOUT REGULATIONS

The substance is not classified as hazardous according to the Legislative Decree, 3 February 1997, Nr. 52 and the European Directive 1999/45/CE.

16 OTHER INFORMATION

Bibliographical reference sources for the compilation of this Safety Information Sheet:

ACGIH – Limit values and biological exposure index

National Library of Medicine – Toxnet (toxicology database)

NIOSH – Chemical Safety

IARC – Overall Evaluations of Carcinogenicity to Humans

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