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SICACELL[®]

1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY/ UNDERTAKING

1.1 Identification of the substance or preparation

Commercial name: Sicacell 964- Sicacell 100
 Product description: Calcium and cellulose hydro- silicate
 Registration Number: N.A.
 CAS Registry Number: 1344- 95- 2
 EINECS Number: 215- 710- 8
 EINECS Name: N.A.
 Chemical Formula: CaOSiO₂. N(H₂O)

1.2 Use of the substance/ preparation

Use: Abrasive materials, composite materials. Sector brakes.

1.3 Company identification

Supplier: ITAPROCHIM S.r.l.
 Via Carlo Bianconi 8/A, 20139 Milano (Italy)
 Tel. +390257303726 Fax +39 0256817644
 e-mail: quality@itaprochim.it

1.4 Emergency telephone number

Poison Centre Number– Milano Tel. 39 02 66101029 (Available 24h/ 24)
 Itaprochim: Tel. +39 0257303726 (Available during office hours: 9.00 – 18.00)

2. HAZARDS IDENTIFICATION

2.1 Substance classification

The product is not classified as dangerous according to CE1272/ 2008 and Directive 67/548/ CEE.
 See the section 16 for the full text of the R Phrases.

2.2 Label elements

Not applicable

2.3 Other hazards

None

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Name	Concentration (%)	Classification Directive 67/ 548/ CEE	Regulation CE/ 1272/ 2008
Calcium hydrate silicate	95	Not classified	Not classified

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation : Remove to fresh air the person with respiratory difficulties and help breathing, if dust inhalation has occurred.
 Ingestion : Drink water. Product is not absorbed by organism.
 Skin Contact: Wash contaminated part with water and soap. If irritation appears ask for medical advice.
 Eye contact: Wash with plenty of running water for some minutes, keeping eyelids opened and avoiding to scratch eyes.
 More information are not available.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

More information are not available.

5. FIRE- FIGHTING MEASURES

5.1 Extinguishing media

Product is incombustible.

5.2 Special hazards

None

5.3 Special protective equipment for fire- fighters

None

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, protective equipment and emergency procedures:

Evacuate, from the affected area, the people not involved in the emergency intervention.

6.2 Environmental precautions:

Contain dust production, avoid the discharge into waterways.

6.3 Methods and material for containment and cleaning up:

Contain spill with inert material.

6.4 Reference to other sections:

For more information on protective measures refer to section 8 and 13.

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7. HANDLING AND STORAGE

- 7.1 Precaution for safe handling** In dusty ambient avoid contact lenses. Use and wear dust respirator. Maintain accurate ventilation in working areas. Use protective gloves in case of extended skin contact.
- 7.2 Condition for safe storage, including any incompatibilities** No particular restriction, keep, anyway, in closed containers in dry area.
- 7.3 Specific end uses** None.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

- 8.1 Controls parameters**
- Exposure limit values: Calcium silicate (asbestos free and with free silica < 1.0%)
 OSHA (PEL): 15 mg/m³ (TWA) total powder
 OSHA (PEL) : 5 mg/m³ (TWA) respirable fraction
 ACGIH-TLV: 10 mg/m³ (TWA) total powder
 NIOSH (REL): 10 mg/m³ (TWA) total powder
 NIOSH (REL): 5 mg/m³ (TWA) respirable fraction
- 8.2 Exposure controls**
- Personal protection:
 Respiratory protection: Dust respiratory
 Hand protection: Protective gloves
 Eye protection: Protective glasses
 Skin protection: Protective clothes

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical

- Appearance Powder
 - Colour White
 - Odour Odourless
 - Ph 10- 12
 - Boiling point N.A.
 - Melting point 1000 °C
 - Flash point The product is not flammable
 - Flammability (solid, gas) The product is not flammable
 - Explosive properties None
 - Explosion limits None
 - Oxidising properties N.A.
 - Vapour pressure N.A.
 - Relative density 1.95 Kg/ l
 - Solubility Insoluble in water
 - Octanol/ water partition coefficient N.A.
 - Viscosity N.A.
 - Vapour density N.A.
 - Evaporation rate (butyl acetate= 1) N.A.
 - Auto- ignition temperature N.A.
- 9.2 Other information** None

10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** The product is stable.
- 10.2 Stability:** The product is stable.
- 10.3 Possibility of hazardous reaction:** No hazardous reaction is known.
- 10.4 Conditions to Avoid** N.A.
- 10.5 Incompatible materials:** N.A.
- 10.6 Hazardous Decomposition Products** No hazardous decomposition product is known.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

No toxicity is known. Calcium silicate is not listed among the harmful or hazardous substances.

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Potential acute health effects	N.A.
Inhalation:	N.A.
Ingestion:	N.A.
Skin contact:	No hazardous effects are known.
Eye contact	No hazardous effects are known, but dust may irritate corneas.
Potential chronic health effects:	N.A.
Carcinogenicity:	N.A.
Mutagenicity:	N.A.
Reproductive toxicity:	N.A.
Other exposure signs/ symptoms	
Inhalation:	N.A.
Ingestion	N.A.
Skin:	N.A.
Target organs:	N.A.
Other adverse effects:	None.

12. ECOLOGICAL INFORMATION

12.1 Toxicity	
Ecotoxicity data:	None
12.2 Persistence and degradability	Not biodegradable product.
12.3 Bio accumulative potential:	N.A.
12.4 Mobility in soil:	N.A.
12.5 Results of PBT and vPvB assessment:	The PBT and vPvB criteria are not satisfied.
12.6 Other adverse effects:	None

13. DISPOSAL CONSIDERATION

13.1 Methods waste treatment:	Process scraps made by the substance itself or contaminated by it, included eventual containers, are waste to be classified, handled and disposed in accordance with the local regulations.
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14. TRANSPORT INFORMATION

The product is not subject to regulation.	
14.1 UN Number	N.A.
14.2 UN proper shipping name:	N.A.
14.3 Transport hazard class(es):	ADR/ RID/ AND: N.A. Code IMDG: N.A. IATA/ ICAO: N.A.
14.4 Packaging group:	N.A.
14.5 Environmental Hazards:	N.A.
14.6 Special precautions for user:	N.A.
14.7 Transport in bulk according to Annex II of MARPOL 73/ 78 and the IBC Code:	N.A.

15. REGULATORY INFORMATION

15.1 Rules and legislation on health, safety and environmental specification for the substance

EU Regulation

This product is not classified according to the EU Regulations

Classification and labelling have been performed according to EU Directives 67/548/CE, Regulation n°1907/ 2006/ CE (REACH), Regulation n°. 1272/ 2008/ CE

15.2 Evaluations of chemical safety	N.A.
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16. OTHER INFORMATION

Information contained in the present Material Data Sheet is based on our knowledge on editing data. They have to be read as a guide for safe product handling, use and storage in known industrial applications, but they aren't a guarantee of specific properties and no guarantee can be released for any damage, direct or not direct, deriving from its use.

This Card doesn't relief user to assure himself to be under no obligation different from those here above described and regulated for product holding and using, for which he is the only responsible for.

The Information Safety Sheet contents and format are in accordance with the European Directive 453/2010/UE

The obligation to send a material safety data sheet, according to CE n° 1907/2006 (REACH) Rules, art. 31.1, is related to substances and blends classified as dangerous only. Therefore, this document has to be considered exclusively as support to persons who handle the product, without assuming the same legal value of a safety data sheet.