SAFETY DATA SHEET

In accordance with 2001/58/CE

Date of publication : 01/10/97
Date of revision : 19/05/08

NAME OF THE PRODUCT: MICRONIZED MICA 325 MESH

1 – IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Product name: **Micronized mica 325 mesh**

Application: A functional filler

Supplier : **CMMP**
COMPTOIR DE MINERAUX ET MATIERES PREMIERES
45 RUE DE ST PETERSBOURG
75008 PARIS

Telephone number : +33 1 43 87 45 75

Fax number : +33 1 42 94 96 32

2 - HAZARDS IDENTIFICATION

Harmful by inhalation.

CLASSIFICATION Xn;R20.

PHYSICAL AND CHEMICAL HAZARDS
Wet substance spillage can constitute a slipping hazards.

HUMAN HEALTH
Long term exposure to any respirable mineral dust could cause effects in the respiratory system. Airbourne dust may cause irritation to the eyes. 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. “There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with 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 not 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.

3 – COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
Quartz	238-878-4	14808-60-7	< 15 %	Xn;R20.

The Full Text for all R-Phrases are Displayed in Section 16

CAS-No. 12001-26-2

COMPOSITION COMMENTS

A proportion of the quartz may become available in the respirable fraction. The level of exposure to respirable silica will depend on the actions performed on the product during handling and use. Exposure levels should, therefore, be measured during use, in comparison to relevant occupational exposure limits, as exposure cannot be determined from bulk product analysis.

4 – FIRST-AID MEASURES

INHALATION
Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

INGESTION
Rinse mouth thoroughly. Get medical attention if any discomfort continues.

SKIN CONTACT
Wash skin with soap and water.

EYE CONTACT
Rinse with water. Contact physician if discomfort continues.

5 – FIRE-FIGHTING MEASURES

ESTINGUISHING MEDIA
The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety date sheet.

ENVIRONMENTAL PRECAUTIONS
Avoid discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS
Collect spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.

7 – HANDLING AND STORAGE

USAGE PRECAUTIONS
Avoid handling which leads to dust formation.

STORAGE PRECAUTIONS
Store in a dry covered area.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	LT - ppm	LT – mg/m3	ST - ppm	ST – mg/m3
Quartz	WEL		0.1 mg/m3 resp. dust		

INGREDIENT COMMENTS

NAME OF THE PRODUCT: MICRONIZED MICA 325 MESH

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES
Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of dust.

RESPIRATORY EQUIPMENT
No specific recommendation made, but respiratory protection must be used if the general exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION
Wear approved safety goggles.

EYE PROTECTION
Contact lenses should not be worn when working with this product.

HYGIENE MEASURES
Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet.

9 – PHYSICAL AND CHEMICAL PROPERTIE

ODOUR	Almost odourless
SOLUBILITY	Insoluble in water

10 – STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.

11 - TOXICOLOGICAL INFORMATION

GENERAL INFORMATION
This product has low toxicity. Only large volumes may have adverse impact on human health.

INHALATION
Dust may irritate respiratory system or lungs.

INGESTION
No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT
Prolonged contact may cause dryness of the skin.

EYE CONTACT
Particles in the eyes may cause irritation and smarting.

12 – ECOLOGICAL INFORMATION

ECOTOXICITY
The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

LC 50, 96 Hrs, FISH mg/l	> 1000
EC 50, 48 Hrs, DAPHNIA, mg/l	> 1000
IC 50, 72 Hrs, ALGAE, mg/l	> 1000

MOBILITY
The product is insoluble in water.

BIOACCUMULATION
The product does not contain any substances expected to be bioaccumulating.

DEGRADABILITY
The product is not biodegradable.

13 – DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
This mineral can be disposed of as a non toxic / inactive material in approved landfill sites in accordance with local regulations.

14 – TRANSPORT INFORMATION

GENERAL The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR / RID).

15 – REGULATORY INFORMATION

LABELLING

Harmful

RISK PHRASES

R20 Harmful by inhalation.

UK REGULATORY REFERENCES
Health and Safety at Work Act 1974. the Control of Substances Hazardous to Health Regulations 1988.

STATUTORY INSTRUMENTS
Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE
Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangeroux for Supply.

GUIDANCE NOTES
Workplace Exposure Limits EH40.

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16 – OTHER INFORMATION

REVISION COMMENTS
Hazard classification updated to reflect quartz regulations.

RISKS PHRASES IN FULL

R20	Harmful by inhalation