



Safety data sheet

According to regulation (EC) 1907/2006, 453/2010

Revision date: April 2013

Product name: Meudon white

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SECTION 1. Identification of the substance/mixture and of the company/undertaking.

1.1 Product identifier

Trade name: Meudon white

1.2 Relevant identified uses of the substance or mixture and uses advised against Use of the Substance/Mixture: A functional additive

1.3 Details of the supplier of the safety data sheet

Company: Esprit Composite
22, Rue Gassendi
F-75014 Paris
France
Telephone: Tel: +33 1 4044 4797
Telefax: Fax: +33 1 4044 4951
Website: www.espritcomposite.com
E-mail: contact@espritcomposite.fr

1.4 Emergency telephone number:

NHS Direct England or Wales: +44 0845 4647
NHS 24 Scotland (UK only): +44 08454 242424

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards: Not classified.

Human health: Not classified.

Environment: Not classified.

Classification (67/548/EEC, 1999/45/EC)

Human health: This product does not meet the criteria for classification as hazardous as defined in the Regulation EC 1272/2008 and in Directive 67/548/EEC. Depending on the type of handling and use (e.g. grinding, drying), airborne respirable crystalline silica may be generated. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable crystalline silica dust should be monitored and controlled.

Environment: The product is not expected to be hazardous to the environment.

Physical and Chemical Hazards: This product is an inorganic substance and does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH. This product should be handled with care to avoid dust generation.

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008) Not classified.

2.3 Other hazards

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3. Composition/information on ingredients

3.1 Substances



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Kaolin 100%
CAS No.: 1332-58-7
EC No.: 310-194-1
The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.
REACH Registration notes Exempted in accordance with Annex V.7
Composition Comments
Impurities:

Quartz
CAS-No.: 14808-60-7
EC No.: 238-878-4.

This product contains less than 1% respirable quartz; respirable quartz is classified as STOT RE1.

SECTION 4. First aid measures:

4.1 Description of first aid measures

General advice: No acute and delayed symptoms and effects are observed.

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

In case of skin contact: Wash skin with soap and water. Use suitable lotion to moisturise skin.

In case of eye contact: Do not rub eye. Rinse with copious quantities of water and seek medical attention if irritation persists.

If swallowed: Rinse mouth thoroughly. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: No specific first aid measures noted.

SECTION 5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media: The product is non-combustible. No specific extinguishing media is needed.

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting: Non combustible. No hazardous thermal decomposition.

5.3 Advice for firefighters

Special protective equipment for firefighters: No specific fire-fighting protection is required. Use an extinguishing agent suitable for the surrounding fire.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid airborne dust generation, wear personal protective equipment in compliance with national legislation.

6.2 Environmental precautions

Environmental precautions: Do not discharge into drains, water courses or onto the ground.

6.3 Methods and material for containment and cleaning up



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Methods for cleaning up:

Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation. Wear personal protective equipment in compliance with national legislation.

6.4 Reference to other sections

For personal protection:

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling:

Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier or check the Good Practice Guide referred to in section 16. Do not to eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:

Store in a dry covered area. Minimise airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting.

7.3 Specific end use(s)

Specific use(s):

If you require advice on specific uses, please contact your supplier or check the Good Practice Guide referred to in section 16.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
Kaolin	WEL		2 mg/m ³	
Inorganic dust	WEL		4 mg/m ³ resp.dust	
Quartz	WEL		0,1 mg/m ³	

WEL = Workplace Exposure Limit.

8.2 Exposure controls

Engineering measures:

Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing.

Personal protective equipment



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Eye protection:	Use eye protection. Goggles/face shield are recommended. Contact lenses should not be worn when working with this product.
Hand protection:	For prolonged or repeated skin contact use suitable protective gloves. PVC or rubber gloves are recommended.
Skin and body protection:	No specific requirement. Appropriate protection (e.g. protective clothing, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin.
Respiratory protection:	In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European or national legislation.
Hygiene measures:	When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	powder
Color:	white / off-white
Odor:	almost odorless
Odor Threshold:	no data available
pH:	no data available
Melting point/freezing point:	no data available
Boiling point/boiling range:	no data available
Flash point:	no data available
Evaporation rate:	no data available
Flammability (solid, gaz):	no data available
Upper explosion limit:	no data available
Lower explosion limit:	no data available
Relative vapor density:	no data available
Density:	2.6-2.7
Bulk density:	no data available
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	no data available
Thermal decomposition:	No data available
Viscosity, dynamic	no data available
Explosive properties:	no data available
Oxidizing properties:	no data available
<u>9.2 Other information:</u>	no information required.

SECTION 10. Stability and reactivity

10.1 Reactivity

Reactivity: There are no known reactivity hazards associated with this product.

10.2 Chemical stability



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Chemical stability:

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

Hazardous reactions:

Not applicable.

10.4 Conditions to avoid

Conditions to avoid:

No particular incompatibility.

10.5 Incompatible materials

Materials to avoid:

No incompatible groups noted.

10.6 Hazardous decomposition products

Hazardous decomposition products:

None under normal conditions.

SECTION 11. Toxicological information

11.1 Information on toxicological effects

General information

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

Inhalation

Dust in high concentrations may irritate the respiratory system.

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.

SECTION 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.

12.1 Toxicity

LC 50, 96 Hrs, Fish mg/l

>1000

EC 50, 48 Hrs, Daphnia, mg/l

>1000

IC 50, 72 Hrs, Algae, mg/l

>1000

12.2 Persistence and degradability

Biodegradability:

The product is not biodegradable.

12.3 Bioaccumulative potential

Bioaccumulation:

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

12.4 Mobility in soil

Mobility:

The product is insoluble in water.

12.5 Results of PBT and vPvB assessment

Product:

Not Classified as PBT/vPvB by current EU criteria.

12.6 Other adverse effects

Product:

None known.

SECTION 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. Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles. Recycling and disposal of packaging should



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be carried out in compliance with local regulations. The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by an authorised waste management company.

13.1 Waste treatment methods

Product:

Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations.

SECTION 14. Transport information

14.1 UN number

Not dangerous goods

14.2 UN proper shipping name

Not dangerous goods

14.3 Transport hazard class(es)

Not dangerous goods

14.4 Packing group

Not dangerous goods

14.5 Environmental hazards

Not dangerous goods

14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

EU Legislation

Exempted in accordance with Annex V.7

National Regulations

Workplace Exposure Limits 2005 (EH40)

Water hazard classification

NWG

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16. Other information

General information

Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality



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specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.