

MATERIAL SAFETY DATA SHEET (MSDS)

SW-MICANITE RIGID M & P

MSDS Number: 005E
According to 91/155/CEE

Date of issue: January 1.2008
Date of last revision: May 20. 2008

1. Identification of the products and of the company

SW-MICANITE RIGID M&P are mica laminates impregnated with a silicon resin and polymerized.

SAVEWAY ISOLIERSTOFFE GMBH
IN DEN FOLGEN 43
D – 98704 LANGEWIESEN
GERMANY

TEL.: +49 (3677) 844 572
FAX: +49 (3677) 844 574

2. Composition / Information on ingredients

INGREDIENT	CAS NUMBER	%	R-PHRASES
Mica	12001 26 2	Min. 90	none
Silicone resin	12597-37-4	Max. 10	none

The chemical characteristic of MUSCOVITE MICA is $KAl_2(AlSi_3O_{10})(OH)_2$
The chemical characteristic of PHLOGOPITE MICA is $KMg_3(AlSi_3O_{10})(OH)_2$

3. Hazard identification

May cause mild mechanical irritation to skin.

4. First aid measures

In case of skin irritation, rinse affected areas with water and wash gently.

5. Fire fighting measures

Extinguishing media:
Foam, dry chemical, Carbon dioxide

Hazardous decomposition products:
By burning and thermal decomposition: CO , CO_2 , SiO_2 , and other unknown poisonous substances.

6. Accidental release measures

Not applicable

7. Handling and storage

Dry and cool (To increase the durability not because of safety reasons.)

8. Exposure control/Personal protection**HYGIENE STANDARTS AND EXPOSURE LIMITS**

At work site consumption of food and beverages nor smoking is permitted.
Avoid inhalation of dust

SKIN AND EYE PROTECTION

Avoid skin - and eye contact. During working wear gloves.
After working a thoroughly hand wash is recommended.

INFORMATION AND TRAINING OF WORKERS

Workers should be informed on:

- the requirements regarding smoking, eating and drinking at the workplace;
- the requirements for protective equipment and clothing.

Workers should be trained on:

- the good working practices to limit dust emission;
- the proper use of protective equipment.

9. Physical and chemical properties

Appearance	Solid, sheets
Odor	Characteristic
Solubility in water	Insoluble
Density (25°C)	2.15 – 2.45 g/cm ³
Therm. decomposition	> 200°C
Oxidizing properties	None
Melting point	>1330°C
Explosive properties	None

10. Stability and reactivity

Avoid higher temperatures than room temperature (appr. 23°C) (not because of safety reasons). It may change the properties.

11. Toxicological Information

Look at point 3

12. Ecological Information

No adverse effects of these materials on the environment are anticipated.

Material is not biodegradable.

13. Disposal considerations

Waste from these materials is not classified as "hazardous" or "special" under European Union regulations. Disposal is permitted at landfills licensed for industrial waste.

Check for local regulations which may apply.

14. Transport Information

Not classified as dangerous goods under relevant international transport regulations.

15. Regulatory information

HAZARD CLASSIFICATION AND LABELLING

R - Phrases: none
S - Phrases: none

PROTECTION OF WORKERS

Shall be in accordance with several European Directives and their implementations by the Member States:

- (a) Council Directive 80/1107/EEC as amended by Directive 88/642/EEC "on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work".
- (b) Council Directive 89/391/EEC "on the introduction of measures to encourage improvements in the safety and health of workers at work".
- (c) Council Directive 92/24/EC "on the protection of workers from the risks related to chemical agents at work".

OTHER POSSIBLE REGULATIONS

Member States are in charge of implementing European Directives into their own national regulation within a period of time normally given in the Directive. Member States may impose more stringent requirements. Please always refer to any applicable regulation.

16. Other Information

USEFUL REFERENCES

- Commission Directive 97/69/EEC of 5 December 1997 "adapting to technical progress for the 23 time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances".
Official Journal of the European Communities, 13/12/97.
- Council Directive 80/1107/EEC of 27 November 1980 as amended by Directive 88/642/EEC "on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work".
Official Journal of the European Communities, 03/12/80.
- Council Directive 89/391/EEC of 12 June 1989 "on the introduction of measures to encourage improvements in the safety and health of workers at work".
Official Journal of the European Communities, 29/06/89.
- Council Directive 98/24/EC "on the protection of the health and safety of workers from the risks related to chemical agents at work".
Official Journal of the European Communities, 05/05/98.

Notice

The information presented here in is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.