



BUILDING VISION AND VARIETY

Date: 3/1/2019

Product Code

SAFETY DATA SHEET

1. Identification

Product Name: Florisil PR+
Product Code:
SDS Date: 3/1/2019
Use:

Address: BVV
1251 Frontenac Rd. Ste 150
Naperville IL 60563
Phone: (331) 281-0154

CHEMTEL: (800) 255-3924

2. Hazard(s) Identification

GHS Classification: Not a hazardous substance or mixture.
Hazard Statement: Not a hazardous substance or mixture.
Hazards Not Otherwise Classified: None applicable.

3. Composition/Information On Ingredients

Name	
Activated magnesium silicate	Formula : MgO3Si
Magnesium silicate	Molecular weight : 100.39 g/mol
Florisil®	CAS-No. : 1343-88-0
	EC-No. : 215-681-1

4. First-aid Measures

If Inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In Case of Skin Contact: Wash off with soap and plenty of water.
In Case of Eye Contact: Flush eyes with water as a precaution.
If Swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most Important Symptoms and Effects, Both Acute and Delayed:

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indications of Any Immediate Medical Attention and Special Treatment Needed:

No Data Available.

5. Fire-fighting Measures

Extinguishing Media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Hazards:

Magnesium oxide, silicon oxides

Advice for Firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8.

Environmental Precautions:

No special environmental precautions required.

Methods and Materials for Containment and Clean Up:

Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Safe Handling:

Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2.

Safe Storage:

Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.
Storage class (TRGS 510): 13: Non Combustible Solids

Specific End Uses:

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. Exposure Controls/Personal Protection

Engineering Control:

General industrial hygiene practice.

Eye/Face Protection:

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin Protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection:

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection:

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of Environmental Exposure:

No special environmental precautions required.

9. Physical and Chemical Properties

Appearance:	Florisil PR+	White (Powder)
Odor:	Florisil PR+	Odorless
Odor Threshold:	Florisil PR+	No Data Available.
pH:	Florisil PR+	No Data Available.
Melting/Freezing Point:	Florisil PR+	1,500 °C (> 2,732 °F) - OECD Test Guideline 102
Initial Boiling Point/Range:	Florisil PR+	No Data Available.
Flash Point:	Florisil PR+	Not Applicable
Evaporation Rate:	Florisil PR+	No Data Available.
Flammability:	Florisil PR+	No Data Available.
Upper Explosion Limit:	Florisil PR+	No Data Available.
Lower Explosion Limit:	Florisil PR+	No Data Available.
Vapor Pressure:	Florisil PR+	No Data Available.
Vapor Density:	Florisil PR+	No Data Available.
Relative Density:	Florisil PR+	No Data Available.
Water Solubility:	Florisil PR+	0.127 g/l at 30 °C (86 °F) - soluble
Partition Coefficient:	Florisil PR+	No Data Available.
Auto Ignition Temp:	Florisil PR+	No Data Available.
Decomposition Temp:	Florisil PR+	No Data Available.
Viscosity:	Florisil PR+	No Data Available.

10. Stability and Reactivity

Reactivity:	No Data is Available
Chemical Stability:	Product is stable under recommended storage conditions.
Possibility of Hazardous Reactions:	No Data is Available
Conditions to Avoid:	No Data is Available
Incompatible Materials:	Strong acids, Hydrogen fluoride
Hazardous Decomposition Products:	Hazardous decomposition products formed under fire conditions. - Magnesium oxide, silicon oxides Other decomposition products - No data available In the event of fire: see section 5

11. Toxicological Information

Name:	CAS:
Florisil PR+	Not Assigned
LD50 Oral - Rat - male and female - > 5,000 mg/kg	
LC50 Inhalation - Rat - male and female - 1 h - > 20 mg/l	
LD50 Dermal - Rabbit - male and female - > 2,000 mg/kg	
Skin Corrosion/Irritation:	Skin - Rabbit Result: No skin irritation - 24 h
Serious Eye Damage/Eye Irritation:	(Directive 67/548/EEC, Annex V, B.4.) Eyes - Rabbit Result: No eye irritation - 72 h
Respiratory or Skin Sensitization:	No data available
Germ Cell Mutagenicity:	No data available
Carcinogenicity:	<u>IARC</u> : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. <u>ACGIH</u> : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. <u>NTP</u> : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. <u>OSHA</u> : No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
Reproductive:	No data available
Additional Information:	RTECS: Not available

12. Ecological Information

Toxicity:	No data available
Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

13. Disposal Considerations

Product Disposal: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated Packaging: Dispose of as unused product.

14. Transportation Information

DOT (US) Not Dangerous Goods

IMDG Not Dangerous Goods

IATA Not Dangerous Goods

15. Regulatory Information

SARA 302/304	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
Massachusetts Right To Know	No Componentes are subjected to the Massachusetts Right to Know Act.
SARA 311/312	No SARA Hazards
Pennsylvania Right To Know	Silicic acid, magnesium salt CAS# 1343-88-0
New Jersey Right To Know	Silicic acid, magnesium salt CAS# 1343-88-0
PROP 65	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information, Including Date of Preparation or Last Revision

SDS Date:

3/1/2019

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