

Preparation Date: --

Revision Date: June 10, 2013

Version: 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name PHENO SEAL

Recommended Use Loss circulation material

Producer FORTA Corporation
100 Forta Drive
Grove City, PA 16127
Phone: 1-800-245-0306

Emergency Number Phone: 1-800-245-0306
Fax: 724-458-5221

2. HAZARDS IDENTIFICATION

Route of Entry Dust particles.

Inhalation Dust may cause mechanical irritation of the respiratory tract, characterized by burning, sneezing and coughing. Prolonged or repeated inhalation of dust may lead to chronic respiratory irritation.

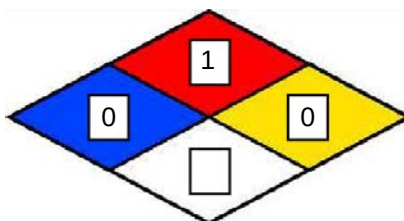
Skin Contact Dust may cause mechanical irritation. Skin inflammation is characterized by itching, scaling, reddening.

Eye Contact Dust may cause mechanical irritation to the eyes.

Ingestion Not an expected route of entry.

HMIS (United States)	
Health	0
Flammability	1
Reactivity	0
PPE	B

NFPA (United States)



WHMIS (Canada)

Not classified as hazardous.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS#	% by Weight
Cellulose	9004-34-6	25-85
Formaldehyde Resin	N/A	10-50
Polyester Resin	N/A	0-15

4. FIRST AID MEASURES

Inhalation	Allow the victim to rest in a well-ventilated area. Oxygen may be administered if breathing is difficult. If irritations persist, seek medical attention.
Skin Contact	Wash contaminated area with soap and water. If irritation occurs, seek medical attention.
Eye Contact	Dust particles: In case of contact with eyes, rinse immediately with plenty of water. If irritation persists, seek medical attention.
Ingestion	Not an expected route of entry.

5. FIRE-FIGHTING MEASURES

Flash Point	N/A
Flash Point Method	N/A
Autoignition Temperature	N/A
Burning Rate	N/A
Fire and Explosion Hazard	None
Firefighting Equipment	Use dry chemicals, carbon dioxide (CO ₂), water spray or foam; do not use water jet.
Hazardous Products of Combustion	Carbon oxides (CO and CO ₂).

6. ACCIDENTAL RELEASE MEASURES

Small Spill or Leak	N/A
Large Spill or Leak	N/A Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

7. HANDLING AND STORAGE

Handling Precautions	If user's operations generate dust, use ventilation to keep exposure to airborne contaminants below the exposure limit, avoid contact with eyes and skin. Nuisance dust: TLV/PEL: 3mg/m ³ (ACGIH) 10mg/m ³ (ACGIH).
Storage Requirements	No specific storage is required, use any dry container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	No specific ventilation requirements for product as sold. Provide adequate ventilation to meet exposure guidelines if operations generate dust or fines. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling the dust particles of this product contain explosion relief vents or an explosion suppression system or an
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oxygen-deficient environment. Ensure that dust handling systems are designed in a manner to prevent the escape of dust into the work area.

Protective Equipment

Respirators – No specific recommendations. Respiratory protection must be used if the OSHA Permissible Exposure Limit for laminated dust (PNOR-Particulates Not Otherwise Regulated) is exceeded.
Protective Gloves – Gloves suitable for the protection against cuts and abrasions from sharp edges are recommended.
Eye Protection – Glasses or goggles.
Protective Clothing – Cover as much of the exposed skin as possible with appropriate clothing.

Exposure Guidelines/Other

Product Name Exposure limits
Laminated Dust (Particulate Not Otherwise Regulated- PNOR)
OSHA PEL TWA 5mg/m³ (Respirable) TWA 15mg/m³ (total)
ACGIH TLV: TWA 3mg/m³ (Respirable) TWA 10mg/m³ (total)

Consult local authorities and regulations for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid particles – color varies – taste phenolic
Physical State	Solid
Boiling Point	N/A
Odor	Slight
Freezing/Melting Point	N/A
pH	N/A
Solubility	Insoluble in water, methanol, diethyl ether, n-octanol, acetone.
Specific Gravity	1.3

10. STABILITY AND REACTIVITY

Stability	This product is stable.
Conditions to Avoid	None
Materials to Avoid (incompatibility)	None
Hazardous Decomposition Products	Carbon oxides (CO, CO ₂)
Hazardous Polymerization	Will not polymerize.

11. TOXICOLOGICAL INFORMATION

Toxicity to Animals	This product has not been tested for animal effects. This product is not expected to be toxic to animals.
Toxicity to Humans	This product has not been tested for human effects. This product is not expected to be toxic to humans.

12. ECOTOXICOLOGICAL INFORMATION

Ecotoxicity	Not expected to be ecotoxic.
BOD5 and COD	N/A
Biodegradable/OECD	N/A
Mobility	N/A
Toxicity of the Products of Biodegradation	N/A
Special Remarks on the Products of Biodegradation	N/A

13. DISPOSAL CONSIDERATIONS

Not classified as hazardous waste. Dispose of in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

Restrictions	N/A
DOT Requirements	Not a DOT controlled material (USA).
ADR Requirements	Not an ADR controlled material (Europe).
IMDG Requirements	Not an IMDG controlled material.
IATA Requirements	Not an IATA controlled material.
Marine Pollutant	Not a marine pollutant.

15. REGULATORY INFORMATION

U.S. Federal Regulations

Chemical (& CAS Number)	SARA 302 (EHS) Rq	SARA 304 (EHS) Rq	SARA 313 de minimis	CERCLA Rq	CAA 112(r) TQ	RCRA Code
NONE						

All quantities in pounds

State Regulations

Chemical (& CAS Number)	CA Prop 65	MA RTK	MN RTK	NJ RTK	PA RTK RI RTK
NONE	X			x	

Warning: This product contains a chemical known in the State of California to cause cancer. Formaldehyde (CAS 50-00-0) in trace amounts.

International Regulations

DSL (Canada)	None
EINECS	None
WHMIS	Not classified as hazardous.
HTS/Schedule B	3921.90.50.10

16. OTHER INFORMATION

Prepared By	FORTA Corporation
Telephone	1-800-245-0306
Website	www.Super-Sweep.com

The information and recommendations contained in this Material Safety Data sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guarantee or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.