

Material Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910, 1200, Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072

IDENTITY (As Used on Label and List) FORTA® PHENO-SEAL®
 information

NOTE: Blank specs are not permitted. If any item is not applicable, or no
 is available, the space must be marked to indicate that.

Section I

Manufacturer's Name FORTA Corporation	Emergency Telephone Number 800-245-0306 or 724-458-5221
Address (Number, Street, City, State, and ZIP Code) 100 FORTA Drive	Telephone Number for Information 800-245-0306
Grove City, PA 16127-6399	Date Prepared January 1, 2013
	Signature of Preparer (Optional) Jeffrey B. Lovett

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
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Information on Hazardous Ingredients

Chemical Name	Cas No.	%	EC Number	Symbol
No Hazardous Ingredients	N/A	N/A	N/A	N/A

Substance/Preparation: Preparation of decorative laminate (paper, melamine & phenolic resins) which has been ground into particles of varying size. The material is thermal set and no free resins are present.

General Composition: 72% Cellulose Paper, 19% Phenolic Resin, 9% Melamine Resin

Section III – Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.3
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water
 Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.

Appearance and Odor
 Solid particles – color varies – odor slight – taste phenolic

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media
 Use dry chemicals, CO₂, water spray or foam, do not use water jet

Special Fire Fighting Procedures
 Protection of fire-fighters: Wear MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full protective gear.

Unusual Fire and Explosion Hazards
 None

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	No additional remark
Incompatibility (<i>Materials to Avoid</i>)		No additional remark	
Hazardous Decomposition or Byproducts		Carbon oxides (CO, CO2) nitrogen oxides (NO, NO2)	
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	N/A

Section VI – Health Hazard Data

Route(s) of Entry: Dust particle	Inhalation? See below	Skin? See below	Ingestion? Not an expected route of entry
Health Hazards (<i>Acute and Chronic</i>) 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: Dust may cause mechanical irritation. Skin inflammation is characterized by itching, scaling, reddening. Dust may cause mechanical irritation to the eyes.			
Carcinogenicity: Not-Available	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs and Symptoms of Exposure: Physical/Chemical hazards: None Known Human health hazards: Dust particles may cause mechanical irritation to the eyes, skin and respiratory tract. In some cases, may cause skin sensitization. Environmental hazards: None Known			
Medical Conditions Generally Aggravated by Exposure – Mechanical irritations			
Emergency and First Aid Procedures – Inhalation: Allow the victim to rest in a well ventilated area. Oxygen may be administered if breathing is difficult. If irritation persist, seek medical attention.			
Ingestion: Not an expected route of entry			
Skin Contact: Wash contaminated skin 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:			
Notes to Physician: No additional information.			
Protection to first-aiders: No additional information			

Section VII – Precautions for Safe Handling and Use

<u>Steps to Be Taken in Case Material is Released or Spilled – Contained and remove by mechanical means</u>	
Precautions	If user operations generate dust, use ventilation to keep exposure to airborne contaminants below the exposure limit, avoid contact with skin and eyes. Nuisance Dust: TLV/PEL: 3mg/m3 respirable (ACGIH) 10 mg/m3 total (ACGIH).
Waste Disposal Method	Place in appropriate disposal facility in compliance with local regulations.
Precautions to Be Taken in Handling and Storing	No specific storage is required, use any dry container
Other Precautions	N/A follow local regulations

Section VIII – Control Measures

Respiratory Protection (<i>Specify Type</i>) In case of insufficient ventilation, wear suitable respiratory equipment			
Ventilation	Local Exhaust	If user operations generate excessive dust	Special Not required
	Mechanical (<i>General</i>)	If user operations generate excessive dust	Other None required with sufficient ventilation
Protective Gloves	Work gloves	Eye Protection	Glasses or goggles
Other Protective Clothing or Equipment	Cover as much of the exposed skin as possible with appropriate clothing		
Work/Hygienic Practices	Use general work/hygienic practices		

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, guaranty 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.