

SECTION 1: Identification



Chemical product and company identification

Product name : PF2A4-161J Phenolic Molding Compound,

PMC Chemical Family: Phenolic resin

Company information

Sealed Unit Parts Co., Inc.

PO Box 21

2230 Landmark PL. Allenwood, NJ 08720

Telephone: (732) 223-6644

Revision date: 2023-01-06

SECTION 2: Hazard(s) identification

Health hazards

No particular hazards under normal use conditions, persistent skin irritation may cause dermatitis.

Combustion hazards

Not easy to burn, incombustible.

Environmental hazards

Not classified into category hazardous to the environment.

Route of invasion

N/A.

SECTION 3: Composition/Information on ingredients

Ingredients	CAS #	Concentration (%)
Phenolic resin	9003-35-4	30-40
Cellulose	9004-34-6	10-30
Calcium hydroxide	1305-62-0	1-5
Calcium carbonate	471-34-1	5-20
Mica	12001-26-2	5-20
Zinc stearate	557-05-1	1-5

SECTION 4: First aid measures

Symptoms and effects

No serious dangerous under normal use.

Inhalation

The product is a solid, usually can not be inhaled.

Skin contact

In case of skin contact, wash affected area thoroughly with soap and water.

Eye contact

Rinse thoroughly with plenty of water. In case of persistent eye irritation, consult a physician.

Ingestion

If swallowed, drink plenty of water. Get immediate medical attention.

Medical advice

Persistent irritation may cause dermatitis.



SECTION 5: Fire-fighting measures Hazardous characteristics

This product is non-toxic, non-pollution to the environment, not combustible, won't cause explode. At present, haven't found any hazard characteristics.

Suitable extinguishing media

Water fog; Foam; Dry chemical powder; Carbon dioxide (CO₂).

Protective equipment for firefighters

Wear suitable protective equipment.

Hazardous combustion products

carbon monoxide, carbon dioxide & other hydrocarbons.

SECTION 6: Accidental release measures

Protection measures

No special environmental precautions required.

Environmental precautions

Place in a waste disposal container. Remove any residue by scrubbing with soap and water.

Emergency measures

Keep in suitable clearly marked containers for little leak in accordance with local regulations. This product usually does not cause a big leakage.

SECTION 7: Handling and storage Handling precautions

Avoid contact with eyes. Do not contact or irritate skin persistently.

Storage precautions

Keep in a cool well ventilated place. Avoid direct sunlight or heat.

Storage temperature

However it's recommended to be stored at room temperature.

SECTION 8: Exposure controls and protection personal

Personal protection

Ventilation in tunnel can be taken as a measure.

Respiratory protection

Use dust filter type mask to prevent exposure to airborne particulates.

Hand protection

Gloves are recommended to prevent contact with Skin.

Eye protection

Wear safety glasses or goggles.

Other protective equipment

Wear long sleeved, loose fitting clothing to help minimize exposure.



SECTION 9: Physical and chemical properties

Appearance:	Solid, grainy.
Colour:	Black.
Odour:	Phenoilic.
pH:	N/A.
Melting point/Freezing point:	N/A.
Boiling point :	N/A.
Flash point:	N/A.
Auto-ignition temperature:	N/A.
Vapor pressure :	N/A.
Vapor density:	N/A.
Density:	1.35-1.50
Solubility:	N/A.
Decomposition temperature:	N/A.

SECTION 10: Stability and reactivity

Stability

Stable under recommended storage conditions.

Hazard polymerization

Polymerization may occur at elevated temperature, but is non-violent.

Materials to avoid

Acids, alkali, alcohol etc.

Decomposition products

No dangerous reaction known under conditions of normal use.

SECTION 11: Toxicological information

Basis of evaluation

No toxicological information available. Data are based on toxicological knowledge of the ingredient and similar products.

Acute toxicity

Acute oral toxicity: LD50 >2000mg/kg oral

Actue skin toxicity:N/A.

Acute inhalation toxicity: considered no inhalation hazard in normal use.

Skin irritation or corrosion

Prolonged exposure may cause mild stimulus.

Eye irritation or corrosion

Direct contact with eyes may cause mild stimulus (but not be serious to be classified)

Germ cell mutagenicity

Considered not mutagenic.

Reproductive toxicity

No data.

Inhalation hazard

No inhalation hazard in normal use.

Other hazardous effects:

N/A.



SECTION 12: Ecological information (non-mandatory)

Basis of evaluation

Eco-pathological data of the product has not been determined, based on ingredients information and eco-toxicological knowledge of similar products.

Ecotoxicity

N/A.

Mobility/Migration of soil

N/A.

Persistence/Degradability

No data.

SECTION 13: Disposal consideration (non-mandatory)

Waste disposal methods

Put into suitable clearly marked container. Process and recycle in accordance with local regulations.

Product handling

Refer to waste disposal methods.

Container disposal

Leave to qualified collectors or contractors. Recycle or be disposed according to law.

SECTION 14: Transport information (non-mandatory)

Transport information

Not classified as dangerous in the meaning of transport regulations of UN, IMO and IATA / CAO.

ADR/RID class

Unallocated

ADR/RID packing group

Unallocated

IMDR dangerous class

Unallocated

IMDG packing group

Unallocated

IATA/CAO class of risk period

Unallocated

IATA/CAP packing group

Unallocated

ADG special shipping information

N/A.



SECTION 15: Regulatory information (non-mandatory) Applicable regulations

This material safety data sheet was prepared in accordance with the General Rules for the Preparation of Chemical Safety Data Sheets (GB16483-2008). This safety data sheet was prepared in accordance with GB/T 16483-2008: Safety Data Sheet for Chemical Products- Content and Order of Sections. Additional information is given in the Safety Data Sheet.

SECTION 16: Other information

Other information: This information is based on our current knowledge. Purpose is to illustrate the product regarding health, safety and environmental regulations only. This information is not a guarantee of product physical properties.

End