

Wellman Engineering Resins

MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification

Product Code(s)

Wellman's Calcium Carbonate

Product Name

POST CONSUMER CALCIUM CARBONATE

Manufacturer's Name

Wellman Engineering Resins

Emergency Telephone Number

800-821-6022

Address (Number, Street, City, State, and ZIP Code)

520 Kingsburg Highway

Telephone Number For Information

800-821-6022

P.O. Drawer 188

Date Prepared

March 3, 2009

Johnsonville, SC 29555-0188

Signature of Preparer (optional)

Section 2. Composition / Information on Ingredients

Component	CAS Registry #	wt. %	Exposure Limits	
			ACGIH TLV	OSHA PEL
Calcium Carbonate	471-34-1	60 - 80	10 mg/m ³	15 mg/m ³
Poly(1,3-butadiene/styrene)	9003-55-8	10-20	None Established	None Established
Nylon 66	32131-17-2	0-10	None Established	None Established
Nylon 6	25038-54-4	0-10	None Established	None Established
Polypropylene	9003-07-0	0-10	None Established	None Established
Mixture of inorganic compounds		0-5	None Established	None Established

Section 3. Hazards Identification

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EMERGENCY OVERVIEW

This product, as shipped is not considered hazardous as defined by the OSHA Hazard Communication Standard 29CFR 1910.12

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POTENTIAL HEALTH EFFECTS:

EYE CONTACT:

Eye contact may cause mechanical irritation from dust particles.

INHALATION:

Inhalation of dust may cause mechanical irritation to the mucous membranes of the nose, throat and upper respiratory tract causing coughing and sneezing.

SKIN CONTACT:

Skin contact is not expected to be a health hazard

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INGESTION:

This material is essentially non-toxic if swallowed. Large oral doses of calcium carbonate may produce alkalosis and hypercalcemia.

CHRONIC EFFECTS / CARCINOGENICITY:

None of the components in these materials are listed by IARC, NTP, OSHA or ACGIH as carcinogens.

TERATOLOGY (BIRTH DEFECT) INFORMATION:

REPRODUCTION INFORMATION:

Section 4. First Aid Measures

INHALATION:

Remove to fresh air and get medical attention if dizziness or nausea occurs. Consult a physician if necessary.

EYE CONTACT:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

SKIN CONTACT:

No specific treatment under normal conditions as this compound is not likely to be hazardous. Cleaning the skin after contact is recommended.

INGESTION:

No specific treatment since compound is biologically inert. Seek medical attention and treat as symptomatic.

NOTE TO PHYSICIAN:

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Section 5. Fire Fighting Measures

FLAMMABLE PROPERTIES:

FLASH POINT: Not determined for solid product.

METHOD USED: NA

FLAMMABLE LIMITS

LFL: NA

UFL: NA

EXTINGUISHING MEDIA:

Water Spray, Foam, Dry Chemical, CO₂

FIRE & EXPLOSION HAZARDS:

Accumulation of dust and/or fibers from operations could present a fire hazard.

FIRE FIGHTING INSTRUCTIONS:

FIRE FIGHTING EQUIPMENT:

Wear self-contained breathing apparatus, MSHA/NIOSH approved (or equivalent) and full protective gear.

Section 6. Accidental Release Measures

Use appropriate personal protective equipment during clean up.

Sweep up and containerize any spills for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

Section 7. Handling and Storage

Avoid breathing dust or fibers. Avoid contact with eyes or skin. Wash thoroughly after breathing.

Avoid dust generation. Keep containers tightly closed.

Store in a well ventilated place. Store in a cool, dry place.

Section 8. Exposure Controls / Personal Protection

ENGINEERING CONTROLS:

Good general ventilation should be sufficient to control normal airborne levels. Add local exhaust ventilation as needed.

RESPIRATORY PROTECTION:

Where there is potential for airborne exposures in excess of applicable limits, wear NIOSH approved respiratory protection.

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SKIN PROTECTION:

Wear protective gloves to minimize skin contamination. Wash hands and contaminated skin thoroughly after handling.

EYE PROTECTION:

Wear safety glasses or goggles for all operations.

EXPOSURE GUIDELINE (S):

As a nuisance dust: TLV 10 mg/m³
PEL 15 mg/m³

Section 9. Physical and chemical Properties

APPEARANCE:	Dusty powder	PHYSICAL STATE:	Solid
BOILING POINT:	Not applicable	SOLUBILITY IN WATER:	Insoluble
EVAPORATION RATE:	Not applicable	SPECIFIC GRAVITY:	Not applicable
FREEZING POINT:	Not applicable	VAPOR DENSITY:	Not applicable
MELTING POINT:	500°F (nylon fibers)	VAPOR PRESSURE:	Not applicable
MOLECULAR WEIGHT:	Not applicable	VISCOSITY:	Not applicable
ODOR:	Slight	% VOLATILE:	Not applicable
PH:			

Section 10. Stability and Reactivity

CHEMICAL STABILITY:

Stable at normal temperatures and storage conditions.

INCOMPATIBILITY:

Incompatible or attacked by concentrated acids, fluorine, magnesium with hydrogen, and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Hazardous decomposition products such as carbon monoxide, carbon dioxide, and various hydrocarbons formed when burned.

HAZARDOUS POLYMERIZATION:

Will not occur.

Section 11. Toxicological Information

EYE:

SKIN:

INGESTION:

INHALATION:

SUBCHRONIC:

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CHRONIC / CARCINOGENICITY:

TERATOLOGY:

REPRODUCTION:

MUTAGENICITY:

SENSITIZATION:

Section 12. Ecological Information

ECOTOXICOLOGICAL INFORMATION:

Material is non-toxic. Material should be kept out of waterways and other locations where they could be ingested by wildlife and eventually fill the stomach of an animal.

DISTRIBUTION:

Material will flow and fall easily from damaged packages, leaks in air conveying lines, and bulk containers.

CHEMICAL FATE INFORMATION:

Material will not degrade biologically except at an infinitesimal rate and so will remain in place until cleaned up.

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Section 13. Disposal Considerations

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State / Provincial and local regulations

Section 14. Transport Information (Not meant to be all inclusive)

D.O.T. SHIPPING NAME:	Not regulated
TECHNICAL SHIPPING NAME:	
D.O.T. HAZARD CLASS:	TDG Class: Not regulated
U.N. / N.A. NUMBER:	
PRODUCT RQ (LBS):	International Civil Aviation Organization
D.O.T. LABEL:	ICAO Class: Not regulated
D.O.T. PLACARD:	
FREIGHT CLASS BULK:	International Maritime Dangerous Goods
FREIGHT CLASS PACKAGE:	IMDG Class: Not Regulated
PRODUCT LABEL:	

Section 15. Regulatory Information (Not meant to be all inclusive – selected regulation represented)

OSHA STATUS:

TSCA STATUS:

CERCLA REPORTABLE QUANTITY:

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES:

SECTION 311/312 HAZARDOUS CATEGORIES:

SECTION 313 TOXIC CHEMICALS:

RCRA STATUS:

CALIFORNIA PROPOSITION 65:

Section 16. Other Information

MSDS STATUS: