SHEET 0732440

Safety Data Sheet | |
Date of Issue: |Revision Date: 03/31/2015 |Revision Number:
Imperial Supplies Part Number: 0732440

SECTION 1: IDENTIFICATION

1.1. Product Identifier
Product Form:
Product Name: Coated Finished Specialties
CAS No:
Synonyms:

1.2. Intended Use of the Product
Use of the substance/mixture: Abrasive Product.

1.3. Name, Address, and Telephone of the Responsible Party
Company
Saint-Gobain Abrasives, Inc.
1 New Bond Street
Worcester, MA 01615
Phone: 508-795-5000

1.4. Emergency Telephone Number
Emergency | 508-795-5000
number |

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)
Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200

2.2. Label Elements

GHS-US Labeling					
Hazard Pictograms (GHS-US)					
Signal Word (GHS-US)	Not applicable.				
Hazard Statements (GHS-US)	Not applicable.				
Precautionary Statements (GHS-US)	Not applicable.				

2.3. Other Hazards

Other Hazards Not Contributing to the Classification:

2.4. Unknown Acute Toxicity (GHS-US)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Name	Product identifier	%	Classification (GHS-US)

Full text of H-phrases: See Section 16

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Inorganic fluorides	Not Applicable	5 - 10 by weight	
Precipitated Calcium Carbonate	471-34-1	1 - 5 by weight	
Calcium Silicate	13983-17-0	5 - 10 by weight	
Nylon	No Data	1 - 5 by weight	
Polyester	25038-59-9	10 - 30 by weight	
Polymer/solids	No Data	1 - 5 by weight	
Epoxy resin	25068-38-6	1 - 5 by weight	
Zirconium dioxide	1314-23-4	10 - 30 by weight	
Aluminum Oxide, Non-fibrous	1344-28-1	10 - 30 by weight	
Resin	9003-35-4	10 - 30 by weight	

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

First-aid Measures General:

First-aid Measures After Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

First-aid Measures After Skin Contact: Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.

First-aid Measures After Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Remove contacts if present and easy to do. Continue rinsing. Get medical attention, if irritation or symptoms of overexposure persists.

First-aid Measures After Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: Overexposure may cause headaches and dizziness.

Symptoms/Injuries After Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.

Symptoms/Injuries After Skin Contact: Causes skin irritation.

Symptoms/Injuries After Eye Contact: Causes eye irritation.

Symptoms/Injuries After Ingestion: May be harmful if swallowed. May cause vomiting.

Chronic Symptoms: Prolonged or repeated contact may cause skin irritation.

Resin:

Chronic Health Effects: Dust generated from intended use may contain trace amounts of phenol and formaldehyde which under
excessive exposure may cause skin sensitization and airway obstruction.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

None generally recognized.

Note to Physicians: Not applicable.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media
Suitable Extinguishing Media: Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
Unsuitable Extinguishing Media: Not applicable.

5.2. Special Hazards Arising From the Substance or Mixture
Fire Hazard: Not applicable.
Explosion Hazard: Excessive dust accumulation could present a potential combustible dust hazard.
Reactivity:

5.3. Advice for Firefighters
Precautionary Measures Fire:
Firefighting Instructions: Not applicable.
Protection During Firefighting: As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. Use proper personal protective equipment as listed in Section 8.

6.1.1. For Non-emergency Personnel
Protective Equipment:
Emergency Procedures:

6.1.2. For Emergency Responders
Protective Equipment:
Emergency Procedures:

6.2. Environmental Precautions
Avoid runoff into storm sewers, ditches, and waterways.

6.3. Methods and Material for Containment and Cleaning Up
For Containment: Contain spills with an inert absorbent material such as soil or sand. Prevent from spreading by covering, diking or other means. Provide ventilation.
Methods for Cleaning Up: Clean up spills immediately observing precautions in the protective equipment section. Place into a suitable container for disposal. Provide ventilation. After removal, flush spill area with soap and water to remove trace residue.

6.4. Reference to Other Sections
See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling
Additional Hazards When Processed: Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.
Hygiene Measures: Wash thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.

7.2. Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures:
Storage Conditions: Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use.

7.3. Specific End Use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

EXPOSURE GUIDELINES:

Ingredient	Guideline OSHA	Guideline NIOSH	Guideline ACGIH	Quebec Canada	Ontario Canada
Inorganic fluorides	PEL-TWA 2.5 mg/m3	REL-TWA 2.5 mg/m3	TLV-TWA 2.5 mg/m3		
Precipitated Calcium Carbonate	PEL-TWA: 5 mg/m3 Respirable fraction (R) PEL-TWA: 15 mg/m3 Total particulate/dust (T)				
	VEMP-TWA: 10 mg/m3 Total particulate/dust (T)	OEL-TWAEV: 10 mg/m3	OEL-TWAEV: 10 mg/m3		

Calcium Silicate
PEL-TWA: 15 mg/m3
Total particulate/dust
(T)
PEL-TWA: 5 mg/m3
Respirable fraction (R)

TLV-TWA: 10 mg/m3
Inhalable fraction (I)
TLV-TWA: 3 mg/m3
Respirable fraction (R)
VEMP-TWA: 10
mg/m3 Total
particulate/dust (T)
VEMP-TWA: 5 mg/m3
Respirable fraction (R)

Zirconium dioxide

TLV-TWA: 10 mg/m3
as zirconium
compounds

Aluminum Oxide,
Non-fibrous
PEL-TWA: 5 mg/m3
Respirable fraction (R)
PEL-TWA: 15 mg/m3
Total particulate/dust
(T)

TLV-TWA: 10 mg/m3
VEMP-TWA: 10
mg/m3 Total

particulate/dust (T) OEL-TWAEV: 10 mg/m3 Total particulate/dust (T)	
Ingredient	
Alberta Canada	
Mexico	
British Columbia	
Canada	
Precipitated Calcium Carbonate	
OEL-TWA: 10 mg/m3	
OEL-TWA: 5 mg/m3 Respirable fraction (R)	
OEL-TWA: 10 mg/m3 Total particulate/dust (T)	
LMPE-PPT: 10 mg/m3 Inhalable fraction (I)	
LMPE-CT: 20 mg/m3 Inhalable fraction (I)	
OEL-TWA: 3 mg/m3 Respirable fraction (R)	
OEL-TWA: 10 mg/m3 Total particulate/dust (T)	
OEL-STEL: 20 mg/m3 Total particulate/dust (T)	
Aluminum Oxide, Non-fibrous	

OEL-TWA: 10 mg/m3
MPE-PPT: 0.1 mg/m3
Respirable fraction (R)
OEL-TWA: 3 mg/m3
Respirable fraction (R)
OEL-TWA: 10 mg/m3
OEL-TWA: 10 mg/m3
Total particulate/dust
(T)
OEL-STEL: 20 mg/m3
Total particulate/dust
(T)

8.2. Exposure Controls

Appropriate Engineering Controls	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
Personal Protective Equipment	Other Protective: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Materials for Protective Clothing	
Hand Protection	
Eye Protection	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European

	standard EN 166.
Skin and Body Protection	Chemical-resistant gloves and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.
Respiratory Protection	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Thermal Hazard Protection	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	Solid article.
Appearance	Solid article.
Odor	Odorless.
Odor Threshold	Not determined.
pH	Not determined.
Relative Evaporation Rate (butyl acetate=1)	Not determined.
Melting Point	Not determined.
Freezing Point	
Boiling Point	Not determined.
Flash Point	None.
Auto-ignition Temperature	Not applicable.
Decomposition Temperature	
Flammability (solid, gas)	Not determined.
Vapor Pressure	Not determined.
Relative Vapor Density at 20 °C	Not determined.

Relative Density	
Specific Gravity	
Solubility	Not determined.
Partition coefficient: n-octanol/water	Not determined.
Viscosity	Not determined.
Lower Flammable Limit	Not applicable.
Upper Flammable Limit	Not applicable.

9.2. Other Information

VOC Content: Not determined.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Not applicable.

10.2 Chemical Stability

Stable under normal temperatures and pressures.

10.3 Possibility of Hazardous Reactions

Hazardous Polymerization: Not reported.

10.4 Conditions to Avoid

Heat, flames, incompatible materials, and freezing or temperatures below 32 deg. F.

10.5 Incompatible Materials

Oxidizing agents. Strong acids and alkalis.

10.6 Hazardous Decomposition Products

Not applicable.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects
Acute Toxicity: This product has not been tested for its toxicity.
Skin Corrosion/Irritation:
Serious Eye Damage/Irritation:
Respiratory or Skin Sensitization:
Germ Cell Mutagenicity:
Carcinogenicity:
Aluminum Oxide, Non-fibrous:
ACGIH: A4 Not Classifiable as a Human Carcinogen.
MEXICO: A4 Not Classifiable as a Human Carcinogen.
Reproductive Toxicity:
Specific Target Organ Toxicity (Single Exposure):
Specific Target Organ Toxicity (Repeated Exposure):
Aspiration Hazard:
Symptoms/Injuries After Inhalation:
Aluminum Oxide, Non-fibrous : Inhalation - Rat TCLo: 200 mg/m3/5H/28W (Intermittent) [Lungs, Thorax, or Respiration - Structural or functional change in trachea or bronchi; Lungs, Thorax, or Respiration - Chronic pulmonary edema; Related to Chronic Data - death] (RTECS) .
Symptoms/Injuries After Skin Contact:
Precipitated Calcium Carbonate : Administration onto the skin - Rabbit Standard Draize test.: 500 mg/24H (RTECS).
Resin: Administration onto the skin - Rat LD50 : >2 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS).
Symptoms/Injuries After Eye Contact:
Precipitated Calcium Carbonate : Eye - Rabbit Standard Draize test.: 750 ug/24H (RTECS).
Epoxy resin: Eye - Rabbit Standard Draize test.: 100 mg [mild] (RTECS).
Symptoms/Injuries After Ingestion:
Precipitated Calcium Carbonate: Oral - Rat LD50: 6450 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS).
Epoxy resin: Oral - Rat LD50 : 11400 mg/kg [Behavioral - Somnolence (general depressed activity) Lungs, Thorax, or Respiration - Dyspnea Nutritional and Gross

Metabolic - Weight loss or decreased weight gain] Oral - Mouse LD50 : 15600 mg/kg [Behavioral - Somnolence (general depressed activity) Lungs, Thorax, r Respiration - Dyspnea Nutritional and Gross Metabolic - Weight loss or decreased weight gain] (RTECS).
Resin: Oral - Rat LD50 : >5 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS).
Chronic Symptoms:

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Please contact the phone number or address of the manufacturer listed in Section 1 for information on ecotoxicity.

12.2. Persistence and Degradability

12.3. Bioaccumulative Potential

12.4. Mobility in Soil

12.5. Other Adverse Effects

SECTION 13: DISPOSAL CONSIDERATIONS
13.1. Waste treatment methods
Waste Disposal Recommendations: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if
applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or

state and local guidelines.
Additional Information:

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT

Proper Shipping Name	Not regulated as hazardous material for transportation.	
Hazard Class	Not regulated as hazardous material for transportation.	<PICTOGRAM PHRASE>
Identification Number	Not regulated as hazardous material for transportation.	
Label Codes		
ERG Number		

14.2 In Accordance with IMDG

Proper Shipping Name		
Hazard Class		
Identification Number		
Label Codes		<PICTOGRAM PHRASE>
ntification Of The		
Substance/m		
EmS-No. (Fire)		
EmS-No. (Spillage)		

14.3 In Accordance with IATA

Proper Shipping Name		
Identification Number		<PICTOGRAM PHRASE>
Hazard Class		
Label Codes		
ntification Of The		
Substance/m		
ERG Code (IATA)		

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

<COMPONENT>

SARA Section 311/312 Hazard Classes |

Toxic Substances Control Act (TSCA) |Precipitated Calcium Carbonate: Listed
|Calcium Silicate: Listed
|Polyester: Listed
|Epoxy resin: Listed
|Zirconium dioxide: Listed
|Aluminum Oxide, Non-fibrous: Listed
|Resin: Listed

15.2 US State Regulations

<COMPONENT>

RI
MN
IL
PA
MA
NJ

Zirconium dioxide

Listed

Aluminum Oxide, Non-fibrous
Listed
Listed
No Data
Listed
Listed
Listed: NJ Hazardous

List; Substance
Number: 2891

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date	March 31, 2015
Other Information	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Grainger disclaimer.

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