SHEET 0732100

Safety Data Sheet | |

Date of Issue:	Revision Date: March 31, 2015	Revision Number:

Imperial Supplies Part Number: 0732100

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form:

Product Name: Bear Tex Discs

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 number	508-795-5000

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)
Melamine Resin	9003-08-1	1 - 5 by weight	
Polyurethane resin	67700-43-0	30 - 60 by weight	
Polyester	25038-59-9	5 - 10 by weight	
Nylon	No Data	5 - 10 by weight	
Polymer/solids	No Data	1 - 5 by weight	
Talc, Magnesium silicate hydrate	14807-96-6	1 - 5 by weight	
Water	7732-18-5	1 - 5 by weight	
Titanium dioxide	13463-67-7	0 - 1 by weight	
Lithium stearate	4485-12-5	1 - 5 by weight	
Aluminum Oxide, Non-fibrous	1344-28-1	30 - 60 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.

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

Aggravation of Pre-Existing Conditions: 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:
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
Other Precautions: Not applicable.

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 ACGIH
Quebec Canada
Ontario Canada
Alberta Canada
Mexico
British Columbia
Canada

Talc, Magnesium
silicate hydrate
PEL-TWA: 20 mppcf
TLV-TWA: 2 mg/m3
Respirable fraction (R)
TLV-TWA: 1 mg/m3
Respirable fraction (R)
VEMP-TWA: 3 mg/m3
Respirable fraction (R)
OEL-TWAEV: 2 f/cc
Respirable fraction (R)
OEL-TWA: 2 mg/m3
Respirable fraction (R)
LMPE-PPT: 2 mg/m3
Respirable fraction (R)
OEL-TWA: 2 mg/m3
Respirable fraction (R)

Titanium dioxide

TLV-TWA: 10 mg/m3
VEMP-TWA: 10 mg/m3 Total
particulate/dust (T)
OEL-TWAEV: 10 mg/m3 Total
particulate/dust (T)

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

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)
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:
Titanium dioxide: Inhalation - Rat TCLo - Lowest published toxic concentration: 1 mg/kg - [Lungs, Thorax, or Respiration - Other changes Biochemical - Metabolism

(Intermediary) - Effect on inflammation or mediation of inflammation] (RTECS).
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: Titanium dioxide: Skin - Human Standard Draize test. : 300 ug/3D-I - [mild] (RTECS).
Symptoms/Injuries After Eye Contact:
Symptoms/Injuries After Ingestion:
Water: Oral - Rat LD50 : >90 mL/kg [Details of toxic effects not reported other than lethal dose value] (RTECS).
Titanium dioxide: Oral - Rodent rat TDLo - Lowest published toxic dose: 60 gm/kg - [Gastrointestinal - Hypermotility, diarrhea Gastrointestinal - Other changes] (RTECS).
Lithium stearate: Oral - Rat LD50: 15 gm/kg [Behavioral - Somnolence (general depressed activity) Behavioral - Changes in motor activity (specific assay) Skin and Appendages - Hair] (RTECS).
Chronic Symptoms:

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity: 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)	
	TSCA Inventory Status
	Polyester
	Listed
	Talc, Magnesium silicate hydrate
	Listed
	Water
	Listed
	Titanium dioxide
	Listed
	Lithium stearate
	Listed
	Aluminum Oxide, Non-fibrous
	Listed

15.2 US State Regulations

<COMPONENT>
State Right To Know:

RI
MN
IL
PA
MA
NJ

Talc, Magnesium silicate hydrate

Listed
Listed

Titanium dioxide

Listed
Listed
No Data

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:

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