MATERIAL APPROVAL REQUEST FORM

The top portion of this form must be filled out and attached to the Safety Data Sheet being sent out for environmental consideration.

Send to: ***Facility HSE Manager (Coordinator or Representative)***

PLANT:	Sarepta	REQUESTED BY:	Savannah Mire
MATERIAL:	Norton 5g Diamond Grit Compound, Grade 45, 325		
LOCATION:	Maintenance Shop		
FUNCTION:	Abrasive Polishing Compound		
ESTIMATED MONTHLY USAGE:	½ a tube per month		

Has training been completed for employees affected by this chemical? ☐Yes ☒ No Date:

Bottom Portion to be completed by V. Shah –scan, email or fax: 248-237-7850

✓ Approved for Use

— Approved for Trial Only
(Notify V. Shah of results of trial for reclassification of material)

— Provisionally Approved Contingent Upon:

_____

_____

— Rejected:

_____

_____

Signature: _____ **Date:** 2/20/2020

MATERIAL APPROVAL REQUEST FORM

The top portion of this form must be filled out and attached to the Safety Data Sheet being sent out for environmental consideration.

Send to: ***Facility HSE Manager (Coordinator or Representative)***

PLANT: Sarepta REQUESTED BY: Savannah Mire

MATERIAL: AMPLEX, 5g Diamond Grit, Compound Grade 15

LOCATION: Maintenance Shop

FUNCTION: Abrasive Polishing Compound

ESTIMATED MONTHLY USAGE: ½ a tube per month

Has training been completed for employees affected by this chemical? ☐Yes ☒ No Date:

Bottom Portion to be completed by V. Shah –scan, email or fax: 248-237-7850

✓ Approved for Use

— Approved for Trial Only
(Notify V. Shah of results of trial for reclassification of material)

— Provisionally Approved Contingent Upon:

_____

_____

— Rejected:

_____

_____

Signature: _____ **Date:** 2/20/2020

Safety Data Sheet

Section 1: Identification

Product identifier

Product Name • **OS**

Synonyms • #1 MB OS MED; #1 MB OS STD; #1 POLY OS STD; #1.0 MB OS HVY; #1.0 MB OS STD; #1/10 MB OS MED; #1/2 MB OS HVY; #1/2 MB OS MED; #1/2 MB OS STD; #1/4 MB OS HVY; #1/4 MB OS MED; #1/4 MB OS STD; #12 MB OS HVY; #12 MB OS MED; #12 MB OS STD; #15 MB OS HVY; #15 MB OS MED; #15 MB OS STD; #2 MB OS HVY; #2 MB OS MED; #20 MB OS HVY; #20 MB OS MED; #20 MB OS STD; #3 MB OS HVY; #3 MB OS LIGHT; #3 MB OS MED; #3 MB OS STD; #3 NAT OS MED; #3 POLY OS STD; #30 MB OS HVY; #30 MB OS LIGHT; #30 MB OS MED; #30 MB OS STD; #30 NAT OS HVY; #4 MB OS STD; #45 MB OS HVY; #45 MB OS MED; #45 MB OS STD; #6 MB OS HVY; #6 MB OS MED; #6 MB OS STD; #60 MB OS HVY; #60 MB OS MED; #60 MB OS STD; #9 MB OS HVY; #9 MB OS LIGHT; #9 MB OS MED; #9 MB OS STD; #90 MB OS MED; #90 MB OS STD

Product Code • OS CA-EN

Product Description • Abrasive Polishing Compound: white to grey paste. (may be dyed other colors)

Relevant identified uses of the substance or mixture and uses advised against

Recommended use • Abrasive Polishing Compound

Details of the supplier of the safety data sheet

Manufacturer • Saint-Gobain Ceramic Materials, Inc.

4905 East Hunter Avenue
Anaheim, CA 92807
United States
http://www.surfaceconditioning.saint-gobain.com/
SDS.Contact@Saint-Gobain.com

Telephone (General) • 714-701-3900 - (7:30AM - 4:30PM PST)

Emergency telephone number

• CHEMTREC: North America 1-800-424-9300 International 1-703-527-3887.

Section 2: Hazard Identification

Canada

According to: WHMIS 2015

Classification of the substance or mixture

WHMIS 2015 • Not classified

Label elements

WHMIS 2015

Hazard statements • No label element(s) required

Precautionary statements

Prevention • Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Storage/Disposal • Store in accordance with local, regional, national, and/or international regulations.
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Other hazards

WHMIS 2015 • In Canada, the product mentioned above is not considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Key to abbreviations
WHMIS = Workplace Hazardous Materials Information System

Refer to section 16 - Other Information for full text of H and P phrases.

Section 3 - Composition/Information on Ingredients

Substances

• Material does not meet the criteria of a substance.

Mixtures

Composition			
Chemical Name	**Identifiers**	**%**	**Classifications According to Regulation/Directive**
Polyalkylene glycol	**CAS:**9003-13-8	50% TO 80%	
Diamond	**CAS:**7782-40-3	1% TO 30%	
Amorphous silica	**CAS:**112945-52-5	2% TO 20%	

This product does not contain any additional significantly hazardous material according to UN GHS. The composition of this product is proprietary.

Key to abbreviations
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
UN = United Nations
WHMIS = Workplace Hazardous Materials Information System

Refer to section 16 - Other Information for full text of H and P phrases.

Section 4: First-Aid Measures

Description of first aid measures

Inhalation • IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin • IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Eye • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion
- Never give anything by mouth to an unconscious person. If swallowed, do NOT induce vomiting unless directed to do so by medical personnel.

Most important symptoms and effects, both acute and delayed

- Skin or eye irritation, stomach ache, nausea, dizziness, or headache.

Indication of any immediate medical attention and special treatment needed

Notes to Physician
- Treat symptomatically.

See Section 11 for Toxicological Information.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media
- In case of fire use media as appropriate for surrounding fire.

Unsuitable Extinguishing Media
- None known.
  In case of fire use media as appropriate for surrounding fire.

Firefighting Procedures
- Keep unauthorized personnel away.
  LARGE FIRES: Dike fire-control water for later disposal.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards
- None expected.

Hazardous Combustion Products
- Oxides of carbon.

Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection.
  Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions
- Ventilate enclosed areas. Use appropriate Personal Protective Equipment (PPE) Do not walk through spilled material.

Emergency Procedures
- Keep unauthorized personnel away. Stay upwind. Use normal clean up procedures.

Environmental precautions

- LARGE SPILLS: Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Containment/Clean-up Measures
- Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Other Information

- Caution: spill area may become slippery.

Section 7 - Handling and Storage

Precautions for safe handling

Handling
- Avoid contact with skin, eyes, and clothing. Use appropriate Personal Protective Equipment (PPE) Use good safety and industrial hygiene practices. Wash thoroughly

after handling.

Conditions for safe storage, including any incompatibilities

Storage

- Keep container/package tightly closed in a cool, well-ventilated place. Keep at temperatures above freezing. Allowing freezing conditions may degrade product. Store in accordance with local, regional, national, and/or international regulations.

Refer to Section 8 - Exposure Controls/Personal Protection.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines

- None established.

Exposure controls

Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Pictograms

- 

Respiratory

- Under normal conditions, respiratory protection is not necessary. In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face

- Wear chemical splash safety goggles.

Hands

- Wear protective gloves - nitrile or butyl.

Skin/Body

- Wear protective gloves/protective clothing/eye protection/face protection.

General Industrial Hygiene Considerations

- Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls

- Prevent entry into waterways, sewers, basements or confined areas.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Color	White to grey. (may be dyed other colors)
Odor	Mild odor.	Odor Threshold	No data available
General Properties			
Boiling Point	> 130 °C(> 266 °F)	Melting Point/Freezing Point	< -20 °C(< -4 °F)
Decomposition Temperature	No data available	pH	9 to 10
Specific Gravity/Relative Density	1.05 to 1.2 @ 4 °C(39.2 °F) Water=1	Water Solubility	Insoluble
Solvent Solubility	Organic Solvent Soluble	Viscosity	No data available
Explosive Properties	No data available		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		

Flammability			
Flash Point	> 200 °C(> 392 °F) estimated	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- No dangerous reaction known under conditions of normal use.

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Keep at temperatures above freezing. Allowing freezing conditions may degrade product.

Incompatible materials

- None known.

Hazardous decomposition products

- Hazardous decomposition may occur during combustion, generating oxides of carbon, .

Section 11 - Toxicological Information

Information on toxicological effects

Other Material Information

- No toxicological information is available for the material as a whole.

GHS Properties	Classification
Acute toxicity	**WHMIS 2015** • Classification criteria not met
Skin corrosion/Irritation	**WHMIS 2015** • Classification criteria not met
Serious eye damage/Irritation	**WHMIS 2015** • Classification criteria not met
Skin sensitization	**WHMIS 2015** • Classification criteria not met
Respiratory sensitization	**WHMIS 2015** • Classification criteria not met
Aspiration Hazard	**WHMIS 2015** • Classification criteria not met
Carcinogenicity	**WHMIS 2015** • Classification criteria not met
Germ Cell Mutagenicity	**WHMIS 2015** • Classification criteria not met
Toxicity for Reproduction	**WHMIS 2015** • Classification criteria not met
STOT-SE	**WHMIS 2015** • Classification criteria not met
STOT-RE	**WHMIS 2015** • Classification criteria not met

Potential Health Effects

Inhalation

Acute (Immediate)
- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)
- Under normal conditions of use, no health effects are expected.

Skin

Acute (Immediate)
- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)
- Under normal conditions of use, no health effects are expected.

Eye

Acute (Immediate)
- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)
- Under normal conditions of use, no health effects are expected.

Ingestion

Acute (Immediate)
- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)
- Under normal conditions of use, no health effects are expected.

Carcinogenic Effects
- No component of this material in amounts greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC, NTP, or OSHA.

Key to abbreviations

IARC = International Agency for Research on Cancer
NTP = National Toxicology Program
OSHA = Occupational Safety and Health Administration
WHMIS = Workplace Hazardous Materials Information System

Section 12 - Ecological Information

Toxicity

- This product is not expected to have toxic effects on aquatic life. It is recommended that necessary precautions be taken to prevent release of this material into sewers, streams or bodies of water.

Persistence and degradability

- This material is readily biodegradable.

Bioaccumulative potential

- No indication of bio-accumulation potential.

Mobility in Soil

- No data available.

Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

Special precautions for user
- None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- This product is provided only in non-bulk containers.

Other information
- This material is not a regulated hazardous material with respect to the following transportation regulations: United States Department of Transportation (US DOT), International Air Transport Association (IATA), or International Maritime Dangerous Goods (IMDG).

Key to abbreviations
NDA = No Data Available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Inventory				
Component	**CAS**	**Canada DSL**	**Canada NDSL**	**TSCA**
Amorphous silica	112945-52-5	Yes	No	No
Diamond	7782-40-3	Yes	No	Yes
Polyalkylene glycol	9003-13-8	Yes	No	Yes

Canada

Labor

Canada - WHMIS 1988 - Classifications of Substances

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada - WHMIS 1988 - Ingredient Disclosure List

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Environment

Canada - CEPA - Priority Substances List

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada - CEPA - Schedule I - List of Toxic Substances

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada - CEPA - Schedule III Part 1 - Export Control List - Prohibited Substances

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada - CEPA - Schedule III Part 2 - Export Control List - Substances Subject to Notification or Consent

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada - CEPA - Schedule III Part 3 - Export Control List - Restricted Substances

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada - Environmental Emergencies

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada New Foundland

Environment

Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule A

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule B

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule C

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule D

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada - Newfoundland & Labrador - Halocarbon Regulations - Schedule E

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada Northwest Territories

Other

Canada - Northwest Territories - Ozone Depleting Substances and Halocarbon Alternatives

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada Nova Scotia

Environment

Canada - Nova Scotia - Ozone Layer Protection Regulations

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada Saskatchewan

Environment

Canada - Saskatchewan - Dangerous Goods - Acute Hazardous Substances

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada - Saskatchewan - Dangerous Goods - Environmental Persistent or Chronic Hazardous Substances

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada - Saskatchewan - Dangerous Goods - Industrial Hazardous Substances

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Other

Canada - Substances Regulated Under F&DA That Were In Commerce Between 1/1/84 and 12/31/86

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Canada Yukon

Environment

Canada - Yukon - Ozone Depleting Substances and Other Halocarbons

• Amorphous silica	112945-52-5	Not Listed
• Polyalkylene glycol	9003-13-8	Not Listed
• Diamond	7782-40-3	Not Listed

Section 16 - Other Information

Relevant Phrases (code & full text)

P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P401 - Store in accordance with local, regional, national, and/or international regulations.
P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Preparation By
- JM

Revision Date
- 12/March/2018

Last Revision Date
- 12/March/2018

Preparation Date
- 12/March/2018

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