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SECTION 1: IDENTIFICATION

- 1.1 GHS Product identifier:** 2946_60_600_plain - siatur jj
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plain
- Other means of identification:**
Not applicable (N/A)
- 1.2 Recommended use of the chemical and restrictions on use:**
Relevant uses: Surface treatment
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:**
sia Abrasives, Inc. USA
1980 Indian Creek Road
28092 Lincolton - NC - USA
msds.ch@sia-abrasives.com
www.sia-abrasives.com
- 1.4 Emergency phone number:** +1 (800) 459 3534

SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
Due to the inclusion of the active ingredient(s) in a polymeric matrix and thus totally encapsulating them, it is estimated that they should not present a hazard in the form they are delivered in. (this criterion prevails throughout the processing of the SDS)
- NFPA:**
Health Hazards: 2
Flammability Hazards: 1
Instability Hazards: 0
Special Hazards: Not applicable (N/A)
- 29 CFR 1910.1200:**
While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
- 2.2 Label elements:**
- NFPA:**
- 
- 29 CFR 1910.1200:**
None
- Acute Toxicity Estimate (ATE mix):**
94.79 % (inhalation) of the mixture consists of ingredient(s) of unknown toxicity
- Additional labeling:**
- 
- WARNING**
This product can expose you to chemicals including Ethanediol, which is [are] known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.
- 2.3 Hazards not otherwise classified (HNOC):**
Not applicable (N/A)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substances:**

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)


Non-applicable

3.2 Mixtures:

Chemical description: polymer matrix

Components:

Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. Therefore, in accordance with Appendix D to § 1910.1200, the product contains:

Identification	Chemical name/Classification	Concentration
CAS: 13775-53-6	Trisodium hexafluoroaluminate (cryolite) Acute Tox. 4: H332; STOT RE 1: H372; STOT RE 1: H372 - Danger	 2.5 - <10 %

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

SECTION 4: FIRST-AID MEASURES

4.1 Description of necessary measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

The possibility of being breathed is practically nil, however, in the case of symptoms:

This product is not classified as hazardous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

By eye contact:

This product does not contain substances classified as hazardous for eye contact. Rinse eyes thoroughly for at least 15 minutes with lukewarm water, ensuring that the person affected does not rub or close their eyes.

By ingestion/aspiration:

In case of consumption, seek immediate medical assistance showing the SDS of this product.

4.2 Most important symptoms/effects, acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of immediate medical attention and special treatment needed, if necessary:

Not applicable (N/A)

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

5.2 Specific hazards arising from the chemical:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Special protective equipment and precautions for fire-fighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

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SECTION 5: FIRE-FIGHTING MEASURES (continued)

Additional provisions:

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Sweep up and shovel product or other means and place in container for reuse (preferred) or disposal

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

6.3 Methods and materials for containment and cleaning up:

For accidental releases in excess of reportable quantities (RQ) (Table 302.4), refer to 40 CFR 302 for detailed instructions concerning reporting requirements and notify the National Response Center (800) 424-8802.

Sweep up and shovel product or other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Due to its non-flammable nature, the product does not present a fire risk under normal conditions of storage, manipulation and use.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Maximum Temp.: 32 °F

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace:

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Due to the inclusion of the active ingredient(s) in a polymeric matrix and thus totally encapsulating them, it is estimated that they should not present a hazard in the form they are delivered in. (this criterion prevails throughout the processing of the SDS)
Nuisance dust: Inhalable dust 10 mg/m³ // Respirable dust 4 mg/m³

8.2 Appropriate engineering controls:


A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

B.- Respiratory protection


The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C.- Specific protection for the hands

Pictogram	PPE	Remarks
 Mandatory hand protection	Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm)	The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin. Use gloves in accordance with manufacturer's use limitations and OSHA standard 1910.138 (29CFR)

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.



D.- Eye and face protection

Pictogram	PPE	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. Use this PPE in accordance with manufacturer's use limitations and OSHA standard 1910.133 (29CFR)

E.- Bodily protection

Pictogram	PPE	Remarks
	Work clothing	Replace before any evidence of deterioration.
	Anti-slip work shoes	Replace before any evidence of deterioration.

F.- Additional emergency measures

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

40 CFR Part 59 (VOC):



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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

V.O.C.(weight-percent): 0.18 % weight
V.O.C. at 68 °F: 2.79 kg/m³ (2.79 g/L)

California Air Resources Board (CARB) - VOC Regulatory:

V.O.C.(weight-percent): 0.18 % weight
V.O.C. at 68 °F: 2.79 kg/m³ (2.79 g/L)

South Coast Air Quality Management District (AQMD) - VOC Regulatory:

V.O.C.(weight-percent): 0.18 % weight
V.O.C. at 68 °F: 2.79 kg/m³ (2.79 g/L)

Ozone Transport Commission (OTC) Rules - VOC Regulatory:

V.O.C.(weight-percent): 0.18 % weight
V.O.C. at 68 °F: 2.79 kg/m³ (2.79 g/L)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 68 °F: Solid
Appearance: Not available
Color: Several
Odor: Odorless
Odour threshold: Not applicable (N/A) *

Volatility:

Boiling point at atmospheric pressure: Not applicable (N/A) *
Vapour pressure at 68 °F: Not applicable (N/A) *
Vapour pressure at 122 °F: Not applicable (N/A) *
Evaporation rate at 68 °F: Not applicable (N/A) *

Product description:

Density at 68 °F: 1559.4 kg/m³
Relative density at 68 °F: 1.559
Dynamic viscosity at 68 °F: Not applicable (N/A) *
Kinematic viscosity at 68 °F: Not applicable (N/A) *
Kinematic viscosity at 104 °F: Not applicable (N/A) *
Concentration: Not applicable (N/A) *
pH: Not applicable (N/A) *
Vapour density at 68 °F: Not applicable (N/A) *
Partition coefficient n-octanol/water 68 °F: Not applicable (N/A) *
Solubility in water at 68 °F: Not applicable (N/A) *
Solubility properties: Not applicable (N/A) *
Decomposition temperature: Not applicable (N/A) *
Melting point/freezing point: Not applicable (N/A) *

Flammability:

Flash Point: Non-applicable
Flammability (solid, gas): Not applicable (N/A) *

*Not applicable (N/A) due to the nature of the product, not providing information property of its hazards.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Autoignition temperature:	752 °F
Lower flammability limit:	Not applicable (N/A) *
Upper flammability limit:	Not applicable (N/A) *
Explosive (Solid):	
Lower explosive limit:	Not applicable (N/A) *
Upper explosive limit:	Not applicable (N/A) *
Particle characteristics:	
Median equivalent diameter:	Not applicable (N/A) *

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Not applicable (N/A) *
Oxidising properties:	Not applicable (N/A) *
Corrosive to metals:	Not applicable (N/A) *
Heat of combustion:	Not applicable (N/A) *
Aerosols-total percentage (by mass) of flammable components:	Not applicable (N/A) *

Other safety characteristics:

Surface tension at 68 °F:	Not applicable (N/A) *
Refraction index:	Not applicable (N/A) *

*Not applicable (N/A) due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Not applicable	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for consumption. For more information see section 3
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

Due to the inclusion of the active ingredient(s) in a polymeric matrix and thus totally encapsulating them, it is estimated that they should not present a hazard in the form they are delivered in. (this criterion prevails throughout the processing of the SDS)

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: Diiron trioxide (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not applicable (N/A)

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
	LD50 oral	>5000 mg/kg	
Trisodium hexafluoroaluminate (cryolite) CAS: 13775-53-6	LD50 dermal		Rat
	LC50 inhalation	1.5 mg/L (ATEi)	

Acute Toxicity Estimate (ATE mix):

ATE mix	Ingredient(s) of unknown toxicity
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SECTION 11: TOXICOLOGICAL INFORMATION (continued)

Oral	>5000 mg/kg (Calculation method)	Non-applicable
Dermal	>5000 mg/kg (Calculation method)	Non-applicable
Inhalation	2.21 mg/L (4 h) (Calculation method)	94.79 %

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

12.1 Ecotoxicity (aquatic and terrestrial, where available):

Acute toxicity:

Identification	Concentration		Species	Genus
Trisodium hexafluoroaluminate (cryolite) CAS: 13775-53-6	LC50	99 mg/L (96 h)	Brachydanio rerio	Fish
	EC50	156 mg/L (48 h)	Daphnia magna	Crustacean
	EC50	8.8 mg/L (72 h)	Selenastrum capricornutum	Algae

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulative potential:

Not available

12.4 Mobility in soil:

Not available

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods:

Wastes generated by normal household activities (e.g., routine house and yard maintenance) are excluded from the definition of hazardous waste (Title 40 of the Code of Federal Regulations Part 261.4)

Waste management (disposal and evaluation):

Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly. Waste should not be disposed of to drains. Remind, It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing. See section 6 for further information about Accidental release measures.

Regulations related to waste management:

Legislation related to waste management:

40 CFR Solid Wastes - Part 239 through 282.

State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state's policies.

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to 49 CFR on the Transport of Dangerous Goods:



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SECTION 14: TRANSPORT INFORMATION (continued)

- 14.1 UN number:** Not applicable (N/A)
14.2 UN proper shipping name: Not applicable (N/A)
14.3 Transport hazard class(es): Not applicable (N/A)
Labels: Not applicable (N/A)
14.4 Packing group, if applicable: Not applicable (N/A)
14.5 Marine pollutant: No
14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises
Physico-Chemical properties: see section 9
14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable (N/A)

Transport of dangerous goods by sea:

With regard to IMDG 41-22:

- 14.1 UN number:** Not applicable (N/A)
14.2 UN proper shipping name: Not applicable (N/A)
14.3 Transport hazard class(es): Not applicable (N/A)
Labels: Not applicable (N/A)
14.4 Packing group, if applicable: Not applicable (N/A)
14.5 Marine pollutant: No
14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises
Special regulations: Not applicable (N/A)
EmS Codes:
Physico-Chemical properties: see section 9
Limited quantities: Not applicable (N/A)
Segregation group: Not applicable (N/A)
14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable (N/A)

Transport of dangerous goods by air:

With regard to IATA/ICAO 2024:

- 14.1 UN number:** Not applicable (N/A)
14.2 UN proper shipping name: Not applicable (N/A)
14.3 Transport hazard class(es): Not applicable (N/A)
Labels: Not applicable (N/A)
14.4 Packing group, if applicable: Not applicable (N/A)
14.5 Marine pollutant: No
14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises
Physico-Chemical properties: see section 9
14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable (N/A)

SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations specific for the product in question:**



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SECTION 15: REGULATORY INFORMATION (continued)

- CALIFORNIA LABOR CODE - The Hazardous Substances List: *Trisodium hexafluoroaluminate (cryolite) (13775-53-6)*; *Diiron trioxide (1309-37-1)*; *Ethanediol (107-21-1)*; *Calcium oxide (1305-78-8)*; *Magnesium oxide (1309-48-4)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: *Ethanediol (107-21-1)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: Not applicable (N/A)
- CANADA-Domestic Substances List (DSL): *Aluminum Oxide (1344-28-1)*; *Formaldehyde, oligomeric reaction products with phenol (9003-35-4)*; *Calcium Carbonate (471-34-1)*; *Trisodium hexafluoroaluminate (cryolite) (13775-53-6)*; *Potassium tetrafluoroborate (14075-53-7)*; *Titanium dioxide (aerodynamic diameter $\geq 10 \mu\text{m}$) (13463-67-7)*; *Diiron trioxide (1309-37-1)*; *Ethanediol (107-21-1)*; *Silica, vitreous (60676-86-0)*; *Paraffin oils (8012-95-1)*; *Calcium oxide (1305-78-8)*; *Magnesium oxide (1309-48-4)*; *Alcohols, C12-14, ethoxylated (68439-50-9)*
- CANADA-Non-Domestic Substances List (NDSL): Not applicable (N/A)
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: *Ethanediol (107-21-1) - 5000 lb*
- Hazardous Air Pollutants (Clean Air Act): *Ethanediol (107-21-1)*
- Massachusetts RTK - Substance List: *Aluminum Oxide (1344-28-1)*; *Titanium dioxide (aerodynamic diameter $\geq 10 \mu\text{m}$) (13463-67-7)*; *Diiron trioxide (1309-37-1)*; *Ethanediol (107-21-1)*; *Silica, vitreous (60676-86-0)*; *Paraffin oils (8012-95-1)*; *Calcium oxide (1305-78-8)*; *Magnesium oxide (1309-48-4)*
- Minnesota - Hazardous substances ERTK: *Aluminum Oxide (1344-28-1)*; *Trisodium hexafluoroaluminate (cryolite) (13775-53-6)*; *Potassium tetrafluoroborate (14075-53-7)*; *Titanium dioxide (aerodynamic diameter $\geq 10 \mu\text{m}$) (13463-67-7)*; *Diiron trioxide (1309-37-1)*; *Ethanediol (107-21-1)*; *Silica, vitreous (60676-86-0)*; *Paraffin oils (8012-95-1)*; *Calcium oxide (1305-78-8)*; *Magnesium oxide (1309-48-4)*
- New Jersey Worker and Community Right-to-Know Act: *Aluminum Oxide (1344-28-1)*; *Potassium tetrafluoroborate (14075-53-7)*; *Titanium dioxide (aerodynamic diameter $\geq 10 \mu\text{m}$) (13463-67-7)*; *Diiron trioxide (1309-37-1)*; *Ethanediol (107-21-1)*; *Silica, vitreous (60676-86-0)*; *Paraffin oils (8012-95-1)*; *Calcium oxide (1305-78-8)*; *Magnesium oxide (1309-48-4)*
- New York RTK - Substance list: *Aluminum Oxide (1344-28-1)*; *Potassium tetrafluoroborate (14075-53-7)*; *Titanium dioxide (aerodynamic diameter $\geq 10 \mu\text{m}$) (13463-67-7)*; *Diiron trioxide (1309-37-1)*; *Ethanediol (107-21-1)*; *Calcium oxide (1305-78-8)*; *Magnesium oxide (1309-48-4)*
- NTP (National Toxicology Program): Not applicable (N/A)
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Not applicable (N/A)
- Pennsylvania Worker and Community Right-to-Know Law: *Aluminum Oxide (1344-28-1)*; *Trisodium hexafluoroaluminate (cryolite) (13775-53-6)*; *Titanium dioxide (aerodynamic diameter $\geq 10 \mu\text{m}$) (13463-67-7)*; *Diiron trioxide (1309-37-1)*; *Ethanediol (107-21-1)*; *Calcium oxide (1305-78-8)*; *Magnesium oxide (1309-48-4)*
- Rhode Island - Hazardous substances RTK: *Ethanediol (107-21-1)*
- The Toxic Substances Control Act (TSCA) : *Aluminum Oxide (1344-28-1)*; *Formaldehyde, oligomeric reaction products with phenol (9003-35-4)*; *Calcium Carbonate (471-34-1)*; *Trisodium hexafluoroaluminate (cryolite) (13775-53-6)*; *Potassium tetrafluoroborate (14075-53-7)*; *Titanium dioxide (aerodynamic diameter $\geq 10 \mu\text{m}$) (13463-67-7)*; *Diiron trioxide (1309-37-1)*; *Ethanediol (107-21-1)*; *Silica, vitreous (60676-86-0)*; *Paraffin oils (8012-95-1)*; *Calcium oxide (1305-78-8)*; *Magnesium oxide (1309-48-4)*; *Alcohols, C12-14, ethoxylated (68439-50-9)*
- Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): *Aluminum Oxide (1344-28-1)*; *Ethanediol (107-21-1)*

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information provided in this safety data sheet as a foundation for conducting workplace-specific risk assessments. These assessments will help establish the appropriate risk prevention measures for handling, using, storing, and disposing of this product.

Other legislation:

Take into consideration other applicable federal, state, and local laws and local regulations.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

29 CFR 1910.1200:

Acute Tox. 4: H332 - Harmful if inhaled.

STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure (Inhalation).

STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure (oral).

Advice related to training:

- CONTINUED ON NEXT PAGE -



Safety data sheet
according to 29 CFR 1910.1200

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SECTION 16: OTHER INFORMATION (continued)

According to 29 CFR 1910. 1200, training on chemical hazards is necessary for employees using this product. This training will facilitate their understanding and interpretation of the safety data sheet, as well as the product label.

Principal bibliographical sources:

Occupational Safety & Health Administration (OSHA).

Abbreviations and acronyms:

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

Manufacturer Disclaimer: The information contained in this safety data sheet ("SDS") is based on sources, technical knowledge and current legislation. Furthermore, is based on data believed to be accurate; thus, the company does not assume any liability for its accuracy. The information provided herein cannot be considered a guarantee of the properties of this product and the same is simply a description of the security requirements. The use, occupational methodology and/or conditions for users of this product are not within our awareness or control. It is ultimately the responsibility of the user(s) to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information of this SDS only refers to this product, which should not be used for purposes other than those specified. Finally, the manner in which this product is used and whether there is any infringement of patents is the sole responsibility of the user(s).

END OF SAFETY DATA SHEET