

### Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 6/29/2023

### **SECTION 1: Identification**

### 1.1. Identification

Product form : Mixture

Trade name : Reno Jet Cast NC ATZ

Product code : 187375

### 1.2. Recommended use and restrictions on use

Recommended use : Refractory Applications

### 1.3. Supplier

#### Manufacturer

Reno Refractories, Inc. 601 Reno Drive P.O. Box 201 Morris, AL, 35116 United States

T 205-647-0240 - F 205-647-6854

sales@r-ref.com - www.renorefractories.com

### 1.4. Emergency telephone number

Emergency number : 1-800-262-8200 CHEMTREC

### SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

#### **GHS US classification**

Skin sensitization, Category 1 H317 May cause an allergic skin reaction

Carcinogenicity Category 1A H350 May cause cancer

Specific target organ toxicity (repeated exposure) Category 2 H373 May cause damage to organs through prolonged or repeated

exposure

Full text of H statements : see section 16

### 2.2. GHS Label elements, including precautionary statements

#### **GHS US labeling**

Hazard pictograms (GHS US)





Signal word (GHS US) : Danger

Hazard statements (GHS US) : H317 - May cause an allergic skin reaction

H350 - May cause cancer

H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements (GHS US) : P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.

P272 - Contaminated work clothing must not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - If on skin: Wash with plenty of water.

P308+P313 - If exposed or concerned: Get medical advice/attention.

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P314 - Get medical advice/attention if you feel unwell.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

No additional information available

### **SECTION 3: Composition/Information on ingredients**

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS US classification
Silicon carbide	CAS-No.: 409-21-2	16.14 – 28.86	Carc. 1B, H350
Titanium dioxide	CAS-No.: 13463-67-7	1.08 – 3.25	Carc. 2, H351
Amorphous/fused silica	CAS-No.: 60676-86-0	≤ 1.14	STOT RE 2, H373
Crystalline silica	CAS-No.: 14808-60-7	≤ 0.64	Carc. 1A, H350 STOT RE 1, H372
Nickel	CAS-No.: 7440-02-0	≤ 0.21	Skin Sens. 1, H317 Carc. 2, H351 STOT RE 1, H372

Full text of hazard classes and H-statements : see section 16

### **SECTION 4: First-aid measures**

### 4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs:

Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact : May cause an allergic skin reaction.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

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### **SECTION 5: Fire-fighting measures**

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

#### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

### **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

### 6.1.1. For non-emergency personnel

Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. Do not

breathe dust/fume/gas/mist/vapors/spray.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer

to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

### **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle

until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe

dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not

eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

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## **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

Titanium dioxide (13463-67-7)	
USA - ACGIH - Occupational Exposure	Limits
Local name	Titanium dioxide
ACGIH OEL TWA	0.2 mg/m³ (Respirable fraction) 2.5 mg/m³ (Respirable fraction)
Remark (ACGIH)	TLV® Basis: LRT irr; pneumoconiosis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2023
USA - OSHA - Occupational Exposure	Limits
Local name	Titanium dioxide (Total dust)
OSHA PEL (TWA) [1]	15 mg/m³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
regulatory reference (00-0011A)	COTO CAMINICATION TABLE 2
Crystalline silica (14808-60-7)	OOTIVITATIO CALCA TABLE 2 T
Crystalline silica (14808-60-7)	
Crystalline silica (14808-60-7) USA - ACGIH - Occupational Exposure	Limits
Crystalline silica (14808-60-7) USA - ACGIH - Occupational Exposure Local name	Limits Silica crystaline - quartz
Crystalline silica (14808-60-7) USA - ACGIH - Occupational Exposure Local name ACGIH OEL TWA	Limits  Silica crystaline - quartz  0.025 mg/m³ (Respirable fraction)
Crystalline silica (14808-60-7) USA - ACGIH - Occupational Exposure Local name ACGIH OEL TWA Remark (ACGIH)	Silica crystaline - quartz  0.025 mg/m³ (Respirable fraction)  TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen)  ACGIH 2023
Crystalline silica (14808-60-7) USA - ACGIH - Occupational Exposure Local name ACGIH OEL TWA Remark (ACGIH) Regulatory reference	Silica crystaline - quartz  0.025 mg/m³ (Respirable fraction)  TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen)  ACGIH 2023
Crystalline silica (14808-60-7) USA - ACGIH - Occupational Exposure Local name ACGIH OEL TWA Remark (ACGIH) Regulatory reference USA - OSHA - Occupational Exposure	Limits  Silica crystaline - quartz  0.025 mg/m³ (Respirable fraction)  TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen)  ACGIH 2023  Limits

Local name	Silicon carbide
ACGIH OEL TWA	3 mg/m³ (Respirable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica) 0.1 fibers/cm³ (Respirable fibers: length > 5 µm; aspect ratio ≥ 3:1, as determined by the membrane filter method at 400-450X magnification (4-mm objective), using phase-contrast illumination) 10 mg/m³ (Inhalable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica)
Remark (ACGIH)	Non fibrous = TLV® Basis: Pulm dam Fibrous (including whiskers) = TLV® Basis: Lung fibrosis; cancer. Notations: A2 (Suspected Human Carcinogen)
Regulatory reference	ACGIH 2023

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OIII			
Silicon carbide (409-21-2)			
USA - OSHA - Occupational Exposure Limits			
Local name	Silicon carbide		
OSHA PEL (TWA) [1]	15 mg/m³ (Total dust)		
	5 mg/m³ (Respirable fraction)		
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1		
Nickel (7440-02-0)			
USA - ACGIH - Occupational Exposure Limits			
Local name	Nickel, elemental		
ACGIH OEL TWA	1.5 mg/m³ (Inhalable fraction)		
Remark (ACGIH)	TLV® Basis: Dermatitis; pneumoconiosis. Notations: A5 (Not Suspected as a Human Carcinogen)		
Regulatory reference	ACGIH 2023		
USA - OSHA - Occupational Exposure Limits			
Local name	Nickel		
OSHA PEL (TWA) [1]	1 mg/m³ metal and insoluble compounds (as Ni)		
	1 mg/m³ soluble compounds (as Ni)		
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1		
Amorphous/fused silica (60676-86-0)			
USA - OSHA - Occupational Exposure Limits	USA - OSHA - Occupational Exposure Limits		
Local name	Silica, fused, respirable dust		
OSHA PEL (TWA) [2]	20 mppcf		
Remark (OSHA)	Table Z-3. For OSHA PEL (TWA): Use formula: (80 mg/m3 / (%SiO2)) for mg/m3. CAS No. source: eCFR Table Z-1.		
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts		

## 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

Hand protection:
Protective gloves
Eye protection:
Safety glasses
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
[In case of inadequate ventilation] wear respiratory protection.

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### Personal protective equipment symbol(s):







### **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Granular powder.

Color : Gray
Odor : Odourless

Odor threshold : No data available pH : No data available

Melting point : No data available
Freezing point : Not applicable
Boiling point : No data available
Flash point : Not applicable

Relative evaporation rate (butyl acetate=1) : No data available Flammability (solid, gas) : Non flammable. Vapor pressure : No data available Relative vapor density at 20°C : No data available Relative density No data available Solubility No data available Partition coefficient n-octanol/water (Log Pow) No data available Auto-ignition temperature Not applicable

Viscosity, kinematic : Not applicable
Viscosity, dynamic : No data available
Explosion limits : Not applicable
Explosive properties : No data available
Oxidizing properties : No data available

No data available

### 9.2. Other information

Decomposition temperature

No additional information available

## **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

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### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: Toxicological information**

ľ	1	.1.	Info	ormat	ion	on f	toxico	loa	ical	effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Titanium dioxide (13463-67-7)			
LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))		
LC50 Inhalation - Rat	> 5.09 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male, Experimental value, Inhalation (dust), 14 day(s))		
Silicon carbide (409-21-2)			
LD50 oral rat	> 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s))		
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal)		
Nickel (7440-02-0)			
LD50 oral rat	> 9000 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female,		

NICKEI (1440-02-0)	
	> 9000 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 15 day(s))

Skin corrosion/irritation : Not classified

Silicon carbide (409-21-2)

рΗ

Titanium dioxide (13463-67-7)	
рН	7 (aqueous suspension, 10 %)
Crystalline silica (14808-60-7)	

# pH 6 – 7

рН	Not applicable (non-soluble in water), CIPAC MT 75: Determination of pH
Nickel (7440-02-0)	

No data available in the literature

Serious eye damage/irritation : Not classified

	Tot ducomou	
Titanium dioxide (13463-67-7)		
рН	7 (aqueous suspension, 10 %)	
Crystalline silica (14808-60-7)		
рН	6 – 7	
Silicon carbide (409-21-2)		

Silicon carbide (409-21-2)		
	рН	Not applicable (non-soluble in water), CIPAC MT 75: Determination of pH

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Nickel (7440-02-0)	
рН	No data available in the literature
Respiratory or skin sensitization :	May cause an allergic skin reaction.
Germ cell mutagenicity :	Not classified
Carcinogenicity :	May cause cancer.
Titanium dioxide (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans
Crystalline silica (14808-60-7)	
IARC group	1 - Carcinogenic to humans
Silicon carbide (409-21-2)	
IARC group	2A - Probably carcinogenic to humans
Nickel (7440-02-0)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicity Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
.,	Not classified
<b>5</b> .	Not classified
STOT-repeated exposure :	May cause damage to organs through prolonged or repeated exposure.
Crystalline silica (14808-60-7)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Nickel (7440-02-0)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Amorphous/fused silica (60676-86-0)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
•	Not classified
•	Not applicable
Titanium dioxide (13463-67-7)	
Viscosity, kinematic	Not applicable
Crystalline silica (14808-60-7)	
Viscosity, kinematic	Not applicable (solid)
Silicon carbide (409-21-2)	
Viscosity, kinematic	Not applicable (solid)
Nickel (7440-02-0)	
Viscosity, kinematic	Not applicable (solid)
Amorphous/fused silica (60676-86-0)	
Viscosity, kinematic	Not applicable
Symptoms/effects after skin contact :	May cause an allergic skin reaction.

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## **SECTION 12: Ecological information**

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Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

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Titanium dioxide (13463-67-7)	
LC50 - Fish [1]	> 300 mg/l (Danio rerio, Fresh water, Literature study, Nominal concentration)
EC50 - Crustacea [1]	> 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
Silicon carbide (409-21-2)	
ErC50 algae	> 100 mg/l (OECD 201: Alga, Growth Inhibition Test, 48 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)
Nickel (7440-02-0)	
LC50 - Fish [1]	15.3 mg/l (96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, Nickel ion)

## 12.2. Persistence and degradability

Titanium dioxide (13463-67-7)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

Crystalline silica (14808-60-7)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

Silicon carbide (409-21-2)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable (inorganic)
ThOD	Not applicable (inorganic)

Nickel (7440-02-0)		
Persistence and degradability	Biodegradability in soil: not applicable. Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable (inorganic)	
ThOD	Not applicable (inorganic)	

Amorphous/fused silica (60676-86-0)		
Persistence and degradability	Biodegradability in soil: not applicable. Biodegradability: not applicable.	
Chemical oxygen demand (COD)	Not applicable (inorganic)	
ThOD	Not applicable (inorganic)	

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12.3. Bioaccumulative potential	
Titanium dioxide (13463-67-7)	
Bioaccumulative potential	Not bioaccumulative.
Crystalline silica (14808-60-7)	
Bioaccumulative potential	Bioaccumulation: not applicable.
Silicon carbide (409-21-2)	
Bioaccumulative potential	Not bioaccumulative.
Nickel (7440-02-0)	
BCF - Fish [1]	47 – 106 (30 day(s), Pimephales promelas, Flow-through system, Fresh water, Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
Amorphous/fused silica (60676-86-0	)
	,
Bioaccumulative potential	No bioaccumulation data available.
Bioaccumulative potential  12.4. Mobility in soil	
Bioaccumulative potential	
Bioaccumulative potential  12.4. Mobility in soil  Titanium dioxide (13463-67-7)	No bioaccumulation data available.
Bioaccumulative potential  12.4. Mobility in soil  Titanium dioxide (13463-67-7)  Surface tension	No bioaccumulation data available.  No data available in the literature
Bioaccumulative potential  12.4. Mobility in soil  Titanium dioxide (13463-67-7)  Surface tension  Ecology - soil	No bioaccumulation data available.  No data available in the literature
Bioaccumulative potential  12.4. Mobility in soil  Titanium dioxide (13463-67-7)  Surface tension  Ecology - soil  Crystalline silica (14808-60-7)	No bioaccumulation data available.  No data available in the literature  Low potential for mobility in soil.
Bioaccumulative potential  12.4. Mobility in soil  Titanium dioxide (13463-67-7)  Surface tension  Ecology - soil  Crystalline silica (14808-60-7)  Ecology - soil	No bioaccumulation data available.  No data available in the literature  Low potential for mobility in soil.
Bioaccumulative potential  12.4. Mobility in soil  Titanium dioxide (13463-67-7)  Surface tension  Ecology - soil  Crystalline silica (14808-60-7)  Ecology - soil  Silicon carbide (409-21-2)	No data available in the literature  Low potential for mobility in soil.  No (test)data on mobility of the substance available.
Bioaccumulative potential  12.4. Mobility in soil  Titanium dioxide (13463-67-7)  Surface tension  Ecology - soil  Crystalline silica (14808-60-7)  Ecology - soil  Silicon carbide (409-21-2)  Surface tension	No data available in the literature  Low potential for mobility in soil.  No (test)data on mobility of the substance available.  No data available in the literature
Bioaccumulative potential  12.4. Mobility in soil  Titanium dioxide (13463-67-7)  Surface tension  Ecology - soil  Crystalline silica (14808-60-7)  Ecology - soil  Silicon carbide (409-21-2)  Surface tension  Ecology - soil	No data available in the literature  Low potential for mobility in soil.  No (test)data on mobility of the substance available.  No data available in the literature

### 12.5. Other adverse effects

Ecology - soil

No additional information available

## **SECTION 13: Disposal considerations**

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## **SECTION 14: Transport information**

In accordance with DOT / TDG / IMDG / IATA

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No (test)data on mobility of the substance available.

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### 14.1. UN number

Not regulated for transport

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable
Proper Shipping Name (TDG) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

### 14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not applicable

TDG

Transport hazard class(es) (TDG) : Not applicable

**IMDG** 

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

### 14.4. Packing group

Packing group (DOT) : Not applicable
Packing group (TDG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

DOT

No data available

TDG

No data available

IMDG

No data available

IATA

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### **SECTION 15: Regulatory information**

### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Nickel CAS-No. 7440-02-0 ≤ 0.21%

### Nickel (7440-02-0)

CERCLA RQ 100 lb

### 15.2. International regulations

#### **CANADA**

## Titanium dioxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List)

### Crystalline silica (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List)

### Silicon carbide (409-21-2)

Listed on the Canadian DSL (Domestic Substances List)

### Nickel (7440-02-0)

Listed on the Canadian DSL (Domestic Substances List)

### Amorphous/fused silica (60676-86-0)

Listed on the Canadian DSL (Domestic Substances List)

### **EU-Regulations**

No additional information available

### **National regulations**

### Titanium dioxide (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)

### Crystalline silica (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)

### Silicon carbide (409-21-2)

Listed on IARC (International Agency for Research on Cancer)

### Nickel (7440-02-0)

Listed on IARC (International Agency for Research on Cancer)

Listed as carcinogen on NTP (National Toxicology Program)

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### 15.3. US State regulations

Nickel (7440-02-0)					
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No		

Component	State or local regulations
Titanium dioxide(13463-67-7)	U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
Crystalline silica(14808-60-7)	U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
Silicon carbide(409-21-2)	U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
Nickel(7440-02-0)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List
Amorphous/fused silica(60676-86-0)	U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List

### **SECTION 16: Other information**

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Full text of H-phrases		
H317	May cause an allergic skin reaction	
H350	May cause cancer	
H351	H351 Suspected of causing cancer	
H372	H372 Causes damage to organs through prolonged or repeated exposure	
H373	May cause damage to organs through prolonged or repeated exposure	

Reno Safety Data Sheet (SDS), USA

The information provided in the Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of it's publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. Reno Refractories, Inc. makes no warranties, expressed or implied, with respect to such information, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or course of performance or usage of trade. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of use or application. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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