

# SAFETY DATA SHEET

according to 29 CFR 1910.1200 and ANSI standard Z400.1-2010



## Non-Woven Abrasives

Product number 014

Revision date: Mar/18/2020  
Version: 7

Language: en-US,CA

Date of print: Mar/18/2020  
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### 1. Product and company identification

#### Product identifier

Trade name: Non-Woven Abrasives  
This safety data sheet pertains to the following products:  
POLINOX unmounted flap wheels  
POLINOX cross buffs  
POLINOX mounted flap wheels  
POLINOX unitized wheels  
POLINOX unitized discs  
POLINOX convolute wheels  
POLINOX spindle mount discs  
POLINOX hand pads  
POLINOX marbling discs  
POLINOX finishing drums  
POLIVLIES surface conditioning belts  
POLIVLIES surface conditioning hook & loop discs  
POLIVLIES flap disc  
POLICLEAN discs  
POLICLEAN mounted wheels  
COMBIDISC POLICLEAN discs  
COMBIDISC surface conditioning discs  
COMBIDISC finishing discs  
COMBIDISC unitized discs  
COMBICLICK surface conditioning discs  
COMBICLICK finishing discs  
COMBICLICK unitized discs  
Non Woven Shop Rolls  
Abrasive Cords

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

General use: Grinding and sanding of different kinds of materials.  
For industrial purposes only

#### Details of the supplier of the safety data sheet

Company name:  
PFERD INC.  
Street/POB-No.: 9201 W. Heather Ave.  
Postal Code, city: Milwaukee, WI 53224,  
USA  
WWW: [www.pferdusa.com](http://www.pferdusa.com)  
E-mail: [sales@pferdusa.com](mailto:sales@pferdusa.com)  
Telephone: 1-800-342-9015  
Telefax: 262-255-2840  
Department responsible for information:  
1-800-342-9015

PFERD CANADA INC.  
Street/POB-No.: 5570 McAdam Road  
Postal Code, city: Mississauga, Ontario L4Z 1P1,  
Canada  
WWW: [www.pferdusa.com](http://www.pferdusa.com)  
E-mail: [sales@pferdcanada.ca](mailto:sales@pferdcanada.ca)  
Telephone: (905) 501-1555  
Telefax: (905) 501-1554  
Department responsible for information: 1-866-245-1555

#### Emergency phone number

**USA/Canada: 1-800-255-3924**

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## 2. Hazards identification

### Emergency overview

Appearance: Physical state at 68 °F (20 °C) and 101.3 kPa: solid  
Color: varying colors

Odor: No data available

Classification: Carcinogenicity - Category 1A;

Hazard symbols:



Signal word: **Danger**

Hazard statements: **May cause cancer by inhalation.**

Precautionary Statements:

Obtain special instructions before use.  
Wear protective gloves/protective clothing/eye protection.  
IF exposed or concerned: Get medical advice/attention.  
Store locked up.

Additional information

Dispose of contents/container to hazardous or special waste collection point.  
The hazard identification is based on a formalistic procedure as the hazard statements of the ingredients are summarized under section 3. This does not correspond to the hazardousness of the product itself. A greater hazard, in most cases, is the exposure to the dust/fumes from the material or paint/coatings being ground. Most of the dust generated during grinding is from the base material being ground and the potential hazard from this exposure must be evaluated. This dust may present a fire or dust explosion hazard and may present a serious health hazard.

### Regulatory status

This material is considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and WHMIS in Canada.

### Hazards not otherwise classified

Mechanical processing can produce particles and dust.  
Inhalation of dust may cause irritation of the respiratory system.  
The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.  
May cause sensitisation especially in sensitive humans.  
see section 11: Toxicological information

## 3. Composition / Information on ingredients

Chemical characterization: Non-woven abrasives

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Relevant ingredients:

CAS No.	Designation	Content	Classification
CAS -	Nylon fibre	< 80 %	not classified
CAS 1344-28-1	Aluminium oxide	< 70 %	not classified
CAS 409-21-2	Silicon carbide	< 70 %	not classified
CAS -	Synthetic resin, polymerized	< 60 %	not classified
CAS -	Cotton-Polyester-cloth	< 40 %	not classified
CAS -	Polyester cloth	< 40 %	not classified
CAS -	Cotton cloth	< 40 %	not classified
CAS 65997-17-3	Fibre glass weaves	< 30 %	not classified
CAS 471-34-1	Calcium carbonate	< 5 %	not classified
CAS 13983-17-0	Wollastonite	< 5 %	not classified
CAS -	Aluminium Silicates	< 5 %	not classified
CAS 13463-67-7	Titanium dioxide	< 5 %	Carcinogenicity - Category 2.
CAS 7631-86-9	Silicon dioxide	< 2 %	not classified
CAS -	Paper	< 2 %	not classified
CAS 26761-40-0	Diisodecylphthalate	< 1.5 %	not classified
CAS 9002-86-2	Polyvinyl chloride	< 1.5 %	not classified
CAS 1309-37-1	Diiron trioxide	< 1.5 %	not classified
CAS 8042-47-5	White mineral oil (petroleum)	< 1 %	Aspiration Toxicity - Category 1.
CAS -	Pigments	< 1 %	not classified
CAS 14808-60-7	Quartz (SiO <sub>2</sub> )	< 1 %	Carcinogenicity - Category 1A.
CAS 64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic	< 0.2 %	not classified
CAS 50-00-0	Formaldehyde	< 0.1 %	Acute Toxicity - oral - Category 3. Acute Toxicity - dermal - Category 3. Acute Toxicity - inhalative - Category 3. Skin Corrosion - Category 1B. Sensitization - skin - Category 1. Germ cell mutagenicity - Category 2. Carcinogenicity - Category 1B.

Additional information: The ingredients are embedded in the product.

### 4. First aid measures

In case of inhalation: Provide fresh air. If you feel unwell, seek medical advice.

Following skin contact: Remove residues with soap and water. In case of skin reactions, consult a physician.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if any. In case of eye irritation consult an ophthalmologist.

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After swallowing: Rinse mouth with water. Give water to drink in small sips. If you feel unwell, seek medical advice.

### Most important symptoms/effects, acute and delayed

Can cause skin, eye and respiratory tract irritation.  
May cause sensitisation especially in sensitive humans.

### Information to physician

Treat symptomatically.

## 5. Fire fighting measures

Flash point/flash point range:

Not applicable

Auto-ignition temperature: No data available

Suitable extinguishing media:

Product is non-combustible. Extinguishing materials should therefore be selected according to surroundings.

### Specific hazards arising from the chemical

At temperatures above 482 °F (250 °C) hazardous decomposition products may be generated.

Protective equipment and precautions for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information:

Do not allow fire water to penetrate into surface or ground water.

## 6. Accidental release measures

Personal precautions:

Avoid generation of dust. Do not inhale substance.  
In case of heating: development of gas/vapor possible.  
Provide adequate ventilation. Wear appropriate protective equipment.  
Avoid contact with the substance. Keep unprotected people away.

Environmental precautions:

Do not allow to penetrate into soil, waterbodies or drains.

Methods for clean-up:

Take up mechanically, placing in appropriate containers for disposal.

## 7. Handling and storage

### Handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Avoid generation of dust.

In case of heating: development of gas/vapor possible.

Do not inhale substance. Wear appropriate protective equipment. Avoid contact with the substance. Obtain special instructions before use.

### Storage

Requirements for storerooms and containers:

Keep container tightly closed and dry.  
Protect from heat and direct sunlight.

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Hints on joint storage: Do not store together with oxidizing agents or acids.  
Do not store together with food.

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### 8. Exposure controls / personal protection

#### Exposure guidelines

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
1344-28-1	Aluminium oxide	Canada, Alberta: OEL 8 hour	10 mg/m <sup>3</sup>
		Canada, Québec: VEMP	10 mg/m <sup>3</sup> (inhalable fraction)
		USA: OSHA: TWA	15 mg/m <sup>3</sup> (inhalable fraction)
		USA: OSHA: TWA	5 mg/m <sup>3</sup> (respirable fraction)
409-21-2	Silicon carbide	Canada, Alberta: OEL 8 hour	0.1 fibers/cm <sup>3</sup> (fibers, inhalable fraction)
		Canada, Alberta: OEL 8 hour	10 mg/m <sup>3</sup> (Contains no fibers, inhalable fraction)
		Canada, Alberta: OEL 8 hour	3 mg/m <sup>3</sup> (Contains no fibers, respirable fraction)
		Canada, BC: OEL TWA	0.1 fibers/cm <sup>3</sup> (fibers, inhalable fraction)
		Canada, BC: OEL TWA	10 mg/m <sup>3</sup> (Contains no fibers, inhalable fraction)
		Canada, BC: OEL TWA	3 mg/m <sup>3</sup> (Contains no fibers, respirable fraction)
		Canada, Ontario: OEL TWA	0.1 fibers/cm <sup>3</sup> (fibers, inhalable fraction)
		Canada, Ontario: OEL TWA	10 mg/m <sup>3</sup> (Contains no fibers, inhalable fraction)
		Canada, Ontario: OEL TWA	3 mg/m <sup>3</sup> (Contains no fibers, respirable fraction)
		Canada, Ontario: OEL TWA	10 mg/m <sup>3</sup> (Contains no fibers, inhalable fraction)
		Canada, Ontario: OEL TWA	3 mg/m <sup>3</sup> (Contains no fibers, respirable fraction)
		Canada, Québec: VEMP	10 mg/m <sup>3</sup> (Contains no fibers, inhalable fraction)
		USA: ACGIH: TWA	0.1 fibers/cm <sup>3</sup> (fibers, inhalable fraction)
		USA: ACGIH: TWA	10 mg/m <sup>3</sup> (inhalable fraction)
		USA: ACGIH: TWA	3 mg/m <sup>3</sup> (respirable fraction)
		USA: NIOSH: TWA	10 mg/m <sup>3</sup> (inhalable fraction)
USA: NIOSH: TWA	5 mg/m <sup>3</sup> (respirable fraction)		
USA: OSHA: TWA	15 mg/m <sup>3</sup> (inhalable fraction)		
USA: OSHA: TWA	5 mg/m <sup>3</sup> (respirable fraction)		

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CAS No.	Designation	Type	Limit value
65997-17-3	Fibre glass weaves	Canada, Alberta: OEL 8 hour	1 fibers/cm <sup>3</sup> (Glass Fibres, Continuous filament)
		Canada, Alberta: OEL 8 hour	5 mg/m <sup>3</sup> (Glass Fibres, continuous filament, glass wool, inhalable fraction)
		Canada, BC: OEL TWA	1 fibers/cm <sup>3</sup> (Synthetic vitreous fibres, Continuous filament glass fibres)
		Canada, BC: OEL TWA	5 mg/m <sup>3</sup> (Synthetic vitreous fibres, Continuous filament glass fibres, inhalable fraction)
		Canada, Ontario: OEL TWA	1 fibers/cm <sup>3</sup> (Synthetic vitreous fibres, Continuous filament glass fibres)
		Canada, Ontario: OEL TWA	5 mg/m <sup>3</sup> (Synthetic Vitreous Fibres (Man Made Mineral Fibres), Continuous filament glass fibres)
		Canada, Québec: VEMP	10 mg/m <sup>3</sup> Fibre de verre en filament continu; Pt note 1
		USA: ACGIH: TWA	1 fibers/cm <sup>3</sup> (Synthetic vitreous fibres, Continuous filament glass fibres)
		USA: ACGIH: TWA	5 mg/m <sup>3</sup> (Synthetic vitreous fibres, Continuous filament glass fibres, inhalable fraction)
		USA: NIOSH: TWA	3 fibers/cm <sup>3</sup> Fibers less than or equal to 3,5 µm in diameter and greater than or equal to 10µm in length.
		USA: NIOSH: TWA	5 mg/m <sup>3</sup> (Fiber glas®, Fiberglass, Glass fibers, Glass wool, total dust)
471-34-1	Calcium carbonate	Canada, Alberta: OEL 8 hour	10 mg/m <sup>3</sup>
		Canada, Québec: VEMP	10 mg/m <sup>3</sup> (inhalable fraction)
		USA: NIOSH: TWA	10 mg/m <sup>3</sup> (inhalable fraction)
		USA: NIOSH: TWA	5 mg/m <sup>3</sup> (respirable fraction)
		USA: OSHA: TWA	15 mg/m <sup>3</sup> (inhalable fraction)
		USA: OSHA: TWA	5 mg/m <sup>3</sup> (respirable fraction)
13983-17-0	Wollastonite	Canada, BC: OEL TWA	1 mg/m <sup>3</sup>
		Canada, Québec: VEMP	10 mg/m <sup>3</sup> (inhalable fraction)
		Canada, Québec: VEMP	5 mg/m <sup>3</sup> (respirable fraction)
13463-67-7	Titanium dioxide	Canada, Alberta: OEL 8 hour	10 mg/m <sup>3</sup>
		Canada, BC: OEL TWA	10 mg/m <sup>3</sup> (inhalable fraction)
		Canada, BC: OEL TWA	3 mg/m <sup>3</sup> (respirable fraction)
		Canada, Québec: VEMP	10 mg/m <sup>3</sup> (inhalable fraction)
		USA: ACGIH: TWA	10 mg/m <sup>3</sup>
		USA: OSHA: TWA	15 mg/m <sup>3</sup>

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CAS No.	Designation	Type	Limit value
7631-86-9	Silicon dioxide	USA: NIOSH: TWA	6 mg/m <sup>3</sup>
		USA: OSHA: TWA	20 mppcf
		USA: OSHA: TWA	80 mg/m <sup>3</sup> (total dust)
26761-40-0	Diisodecylphthalate	Canada, Ontario: OEL TWA	5 mg/m <sup>3</sup>
9002-86-2	Polyvinyl chloride	Canada, BC: OEL TWA	1 mg/m <sup>3</sup>
		USA: ACGIH: TWA	1 mg/m <sup>3</sup> (respirable fraction)
1309-37-1	Diiron trioxide	Canada, Alberta: OEL 8 hour	5 mg/m <sup>3</sup> (respirable fraction)
		Canada, BC: OEL STEL	10 mg/m <sup>3</sup> (Smoke, calculated as Fe)
		Canada, BC: OEL TWA	10 mg/m <sup>3</sup> (oxide, red, inhalable fraction)
		Canada, BC: OEL TWA	3 mg/m <sup>3</sup> (oxide, red, respirable fraction)
		Canada, BC: OEL TWA	5 mg/m <sup>3</sup> (oxide dust)
		Canada, BC: OEL TWA	5 mg/m <sup>3</sup> (Smoke, calculated as Fe)
		Canada, Québec: VEMP	10 mg/m <sup>3</sup> (red)
		Canada, Québec: VEMP	5 mg/m <sup>3</sup>
		USA: ACGIH: TWA	5 mg/m <sup>3</sup> (respirable fraction)
		USA: OSHA: TWA	10 mg/m <sup>3</sup>
14808-60-7	Quartz (SiO <sub>2</sub> )	USA: OSHA: TWA	(Iron oxide, fume; calculated as Fe)
		USA: OSHA: TWA	15 mg/m <sup>3</sup> (inhalable fraction, red)
		USA: OSHA: TWA	5 mg/m <sup>3</sup> (red, respirable fraction)
		Canada, Alberta: OEL 8 hour	0.025 mg/m <sup>3</sup>
		Canada, BC: OEL TWA	0.025 mg/m <sup>3</sup>
		Canada, Ontario: OEL TWA	0.1 mg/m <sup>3</sup> (respirable fraction)
		Canada, Québec: VEMP	0.1 mg/m <sup>3</sup> (respirable fraction)
		USA: ACGIH: TWA	0.025 mg/m <sup>3</sup> (respirable fraction)
		USA: NIOSH: TWA	0.05 mg/m <sup>3</sup> (respirable fraction)
		USA: OSHA: TWA	10 mg/m <sup>3</sup> / % SiO <sub>2</sub> + 2 (respirable fraction)
		USA: OSHA: TWA	250 mppcf/ % SiO <sub>2</sub> +5 (fine dust)
		USA: OSHA: TWA	30 mg/m <sup>3</sup> / % SiO <sub>2</sub> + 2 (inhalable fraction)
50-00-0	Formaldehyde	Canada, Alberta: OEL 8 hour	0.9 mg/m <sup>3</sup> ; 0.75 ppm
		Canada, Alberta: OEL Ceiling	1.3 mg/m <sup>3</sup> ; 1 ppm
		Canada, BC: OEL STEL	0.3 ppm
		Canada, BC: OEL TWA	0.1 ppm
		Canada, Ontario: OEL Ceiling	1.5 ppm
		Canada, Ontario: OEL STEL	1 ppm
		Canada, Québec: Plafond	3 mg/m <sup>3</sup> ; 2 ppm
		USA: ACGIH: STEL	0.3 ppm (DSEN,RSEN,A1)
		USA: ACGIH: TWA	0.1 ppm (DSEN,RSEN,A1)
		USA: NIOSH: Ceiling	0.1 ppm
		USA: NIOSH: TWA	0.016 ppm
		USA: OSHA: STEL	2 ppm
USA: OSHA: TWA	0.75 ppm		



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### Engineering controls

Provide good ventilation and/or an exhaust system in the work area. If not available, use respiratory protection.

See also information in chapter 7, section storage.

### Personal protection equipment (PPE)

Eye/face protection: Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.

Skin protection: Wear suitable protective clothing and shoes.

Protective gloves according to OSHA Standard - 29 CFR: 1910.138.

Respiratory protection: Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded. Use appropriate respiratory protection.:  
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.

General hygiene considerations:

Do not inhale substance. Avoid contact with skin and eyes.

When using do not eat, drink or smoke. Change contaminated clothing.

Wash hands before breaks and after work.

Work place should be equipped with a shower and an eye rinsing apparatus. Obtain special instructions before use.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance:	Physical state at 68 °F (20 °C) and 101.3 kPa: solid Color: varying colors
Odor:	No data available
Odor threshold:	No data available
pH value:	Not applicable
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point/flash point range:	Not applicable
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	No data available
Solubility:	No data available
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Thermal decomposition:	No data available
Additional information:	No data available

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### 10. Stability and reactivity

- Reactivity: Refer to subsection "Possibility of hazardous reactions".
- Chemical stability: Stable under recommended storage conditions.
- Possibility of hazardous reactions: No hazardous reaction when handled and stored according to provisions.
- Conditions to avoid: Protect from heat and direct sunlight.
- Incompatible materials: Oxidizing agents, acids.
- Hazardous decomposition products: At temperatures above 482 °F (250 °C) hazardous decomposition products may be generated.
- Thermal decomposition: No data available

### 11. Toxicological information

#### Toxicological tests

- Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.
- Acute toxicity (oral): Based on available data, the classification criteria are not met.
- Acute toxicity (dermal): Based on available data, the classification criteria are not met.
- Acute toxicity (inhalative): Based on available data, the classification criteria are not met.
- Skin corrosion/irritation: Based on available data, the classification criteria are not met.
- Serious eye damage/irritation: Based on available data, the classification criteria are not met.
- Sensitisation to the respiratory tract: Based on available data, the classification criteria are not met.
- Skin sensitisation: Based on available data, the classification criteria are not met.
- Germ cell mutagenicity/Genotoxicity: Based on available data, the classification criteria are not met.
- Carcinogenicity: Carcinogenicity - Category 1A = May cause cancer by inhalation.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- Effects on or via lactation: Based on available data, the classification criteria are not met.
- Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.
- Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

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Other information: Chronic toxicity carcinogenic effect:  
Information about Quartz (SiO<sub>2</sub>):  
IARC Rating: Group 1  
OSHA Carcinogen: not listed  
NTP Rating: listed  
Information about silicon dioxide:  
IARC Rating: Group 3  
OSHA Carcinogen: not listed  
NTP Rating: not listed  
Information about Wollastonite:  
IARC Rating: Group 3  
OSHA Carcinogen: not listed  
NTP Rating: not listed  
Information about Titanium dioxide:  
IARC Rating: Group 2B  
OSHA Carcinogen: not listed  
NTP Rating: not listed  
Information about Diiron trioxide:  
IARC Rating: Group 3  
OSHA Carcinogen: not listed  
NTP Rating: not listed

### Symptoms

In case of inhalation: Inhalation of dust may cause irritation of the respiratory system.  
Irritation of nose, throat, lung.

## 12. Ecological information

### Ecotoxicity

Further details: No data available

### Mobility in soil

No data available

### Persistence and degradability

Further details: No data available

### Additional ecological information

General information: Do not allow to enter into ground-water, surface water or drains.

## 13. Disposal considerations

### Product

Recommendation: Dispose of waste according to applicable legislation.

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### Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation. Packing can be recycled or disposed of.

## 14. Transport information

### USA: Department of Transportation (DOT)

Proper shipping name: Not restricted

### Canada: Transportation of Dangerous Goods (TDG)

Shipping name: Not restricted

### Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: no

### Air transport (IATA)

Proper shipping name: Not restricted

### Further information

No dangerous good in sense of these transport regulations.

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### 15. Regulatory information

#### National regulations - U.S. Federal Regulations

Product:	This product is an article as defined by TSCA regulations, and is exempt from TSCA inventory listing requirements.
Aluminium oxide:	Other Environmental Laws: SARA Title III Section 313, Toxic Release: Conc. 1.0% / Threshold Standard NIOSH Recommendations: Occupational Health Guideline: 0021
Silicon carbide:	NIOSH Recommendations: Occupational Health Guideline: 0555
Wollastonite:	Carcinogen Status: IARC Rating: Group 3 OSHA Carcinogen: not listed NTP Rating: not listed
Titanium dioxide:	Carcinogen Status: IARC Rating: Group 2B OSHA Carcinogen: not listed NTP Rating: not listed NIOSH Recommendations: Occupational Health Guideline: 0617
Silicon dioxide:	Carcinogen Status: IARC Rating: Group 3 OSHA Carcinogen: not listed NTP Rating: not listed NIOSH Recommendations: Occupational Health Guideline: 0552
Polyvinyl chloride:	Carcinogen Status: IARC Rating: Group 3 OSHA Carcinogen: not listed NTP Rating: not listed
Diiron trioxide:	Carcinogen Status: IARC Rating: Group 3 OSHA Carcinogen: not listed NTP Rating: not listed NIOSH Recommendations: Occupational Health Guideline: 0344
Quartz (SiO <sub>2</sub> ):	Carcinogen Status: IARC Rating: Group 1 OSHA Carcinogen: not listed NTP Rating: listed NIOSH Recommendations: Occupational Health Guideline: 0553

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### Formaldehyde:

#### Carcinogen Status:

IARC Rating: Group 1

OSHA Carcinogen: listed

NTP Rating: listed

#### Clean Air Act:

Accidental Release Prevention: Threshold 15000 lbs. / Basis for listing = b

Hazardous Air Pollutants: yes

SOCMI Chemical: yes

#### Clean Water Act:

Hazardous Substances: RQ 100 lbs.

#### Other Environmental Laws:

CERCLA: RQ 100 lbs.

RCRA Hazardous Wastes: Code U122

SARA Title III Section 302, EHS: TPQ 500 lbs. / RQ 100 lbs.

SARA Title III Section 313, Toxic Release: Conc. 0.1% / Threshold Standard

#### NIOSH Recommendations:

Current Intelligence Bulletin: 81-111, 86-122

Occupational Health Guideline: 0293\*

OSHA Process Safety Management: Threshold 1000 lbs.

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### National regulations - U.S. State Regulations

- Aluminium oxide: Delaware Air Quality Management List:  
DRQ: 100 - RQ State: State requirement differs from Federal  
Massachusetts Haz. Substance codes: F9  
Minnesota Haz. Substance:  
Codes: A - Ratings: 10.16 - Status: Title III. TRI.  
New Jersey RTK Hazardous Substance:  
DOT: - - Sub No.: 2891 - TPQ: -  
Pennsylvania Haz. Substance code: E  
Washington Air Contaminant:  
TWA: 10 mg
- Titanium dioxide: California Proposition 65: cancer
- Diisodecylphthalate: California Proposition 65: developmental
- Diiron trioxide: Idaho Air Pollutant List:  
Title 585 -- AAC: 0.25 -- EL: 0.333 -- WEL: 5  
Title 586 -  
Massachusetts Haz. Substance codes: 2  
Pennsylvania Haz. Substance code: -  
Washington Air Contaminant:  
TWA: 5 mg
- Quartz (SiO<sub>2</sub>): California Proposition 65: cancer
- Formaldehyde: California Proposition 65 code: C  
Delaware Air Quality Management List:  
DRQ: 100 - RQ State: Federal Regulations Apply  
Idaho Air Pollutant List:  
Title 585: AAC: - EL: - OEL: - Title 586: AAAC: 7.7E-02 - EL: 5/1E-04 - OEF: 1.3E-05  
Maine: HAP - 1000  
Massachusetts Haz. Substance codes: 1,2,3,4,5,6,7 \*E\*C\* F6  
Minnesota Haz. Substance:  
Codes: ANORT - Ratings: 10.91 - Status: Air Pollutant. Carcinogen. Title III. TRI.  
New Jersey Extraordinarily Hazardous Substance:  
EPA Threshold: - NJ Threshold: 175 - NJ Group: II - NJ Table: I Part A - NJ Basis:  
Not on List  
New Jersey RTK Hazardous Substance:  
DOT: 1198 - Sub No.: 0946 - TPQ: - EHS: Yes  
New York List of Hazardous Substances:  
RQ-Air: 100 - RQ-Land: 1 - Note: No Note Associated with this chemical.  
Pennsylvania Haz. Substance code: ES  
Washington Air Contaminant:  
TWA: 75 ppm - - mg - STEL: 2 ppm - - mg - Ceiling: - ppm - - mg - Skin: -  
West Virginia Toxic Air Pollutant List (Pounds per Year): 1,000  
California Proposition 65: cancer

### National regulations - Canada

No data available

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### 16. Other information

Hazard rating systems:



NFPA Hazard Rating:

Health: 1 (Slight)  
Fire: 0 (Minimal)  
Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 1 (Slight) - Chronic effects  
Flammability: 0 (Minimal)  
Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor

HEALTH	*	1
FLAMMABILITY		0
PHYSICAL HAZARD		0
		X

Abbreviations and acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
OEL: Occupational Exposure Limit Value  
AS/NZS: Australian Standards/New Zealand Standards  
CAS: Chemical Abstracts Service  
CFR: Code of Federal Regulations  
CLP: Classification, Labelling and Packaging  
DMEL: Derived minimal effect level  
DNEL: Derived no-effect level  
EC: European Community  
EN: European Standard  
IATA: International Air Transport Association  
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
IMDG Code: International Maritime Dangerous Goods Code  
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships  
OSHA: Occupational Safety and Health Administration  
PBT: Persistent, bioaccumulative and toxic  
PNEC: Predicted no-effect concentration  
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail  
TLV: Threshold Limit Value  
TSCA: Toxic Substance Control Act  
vPvB: Very persistent and very bioaccumulative  
WEL: Workplace Exposure Limit  
WHMIS: Workplace Hazardous Materials Information System

Reason of change: Changes in section 1: Product identifier  
Changes in section 3: Composition / Information on ingredients  
General revision

Date of first version: Dec/21/2015

#### Department issuing data sheet

Contact person: see section 1: Department responsible for information



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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products.