Safety Data Sheet

Issue Date: 28-Apr-2014 **Revision Date:** 14-Jul-2023 **Version** 2

1. IDENTIFICATION

Product Name **Duct Seal**

MSDS # **PAN-003-CA**

Recommended Use Duct sealant.

Supplier Address
Panduit
18900 Panduit Dr.
Tinley Park, IL 60487

Company Phone Number Phone: 708-532-1800
Fax: 708-532-1811

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

The product contains no substances which, at their given concentration, are considered to be hazardous to health

Appearance Dark gray-green soft solid **Physical State** Semi-solid. **Odor** Slight characteristic odor

Potential Health Effects

Acute Toxicity

Eye Contact May be irritating to the eye.
Skin Contact May be harmful in contact with skin.
Inhalation Do not inhale.
Ingestion Swallowing large amounts may cause digestive discomfort.

Chronic effects No known effect based on information supplied.

Symptoms May cause skin and eye irritation. Ingestion of large quantities (more than a few ounces) may cause upset stomach, diarrhea, nausea, and vomiting.

Aggravated Medical Conditions None known.

Environmental Hazard See Section 12: ECOLOGICAL INFORMATION

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Calcium Carbonate	1317-65-3	30-60
Kaolin	1332-58-7	10-30
Residual oils (petroleum), solvent refined	64742-01-4	5-10
Polybutene	9003-29-6	3-7
Talc	14807-96-6	3-7
Hydrocarbon Resin	62258-49-5	1-5
Cellulose Fiber	9004-34-6	1-5

Carbon Black	1333-86-4	1-10
Titanium Dioxide	13463-67-7	1-10

4. FIRST-AID MEASURES

General Advice IF exposed: Call a POISON CENTER or doctor/physician.

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact Wash with soap and water. Get medical attention if irritation occurs.

Inhalation Remove to fresh air.

Ingestion If large quantities are swallowed, get emergency medical help immediately.

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable properties Not flammable.

Flash Point 450 °F / 232 °C
Method COC

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Foam.

Hazardous Combustion Products Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons.

Explosion Data
Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Specific Hazards Arising from the Chemical Possible products of thermal degradation include carbon monoxide and carbon dioxide. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Protective equipment and precautions for firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Use personal protective equipment as required.

Environmental Precautions See Section 12 for additional Ecological Information.

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Absorb spillage with non-combustible, absorbent material. Place in appropriate containers for disposal.

7. HANDLING AND STORAGE

Advice on Safe Handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Handle in accordance with good industrial hygiene and safety practice.

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Store in a cool place (49°C, 120°F).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH IDLH	Canada - Alberta - Occupational Exposure Limits - Ceilings	Canada - British Columbia - Occupational Exposure Limits - Ceilings	Canada - Manitoba - Occupational Exposure Limits - Ceilings	Canada - New Brunswick - Occupational Exposure Limits - Ceilings	Canada - Newfoundland & Labrador - Occupational Exposure Limits - Ceilings
Calcium Carbonate 1317-65-3 (30-60)	-	TWA: 15 mg/m^3 total dust TWA: 5 mg/m^3 respirable fraction (vacated) TWA: 15 mg/m^3 total dust (vacated) TWA: 5 mg/m^3 respirable fraction	TWA: 10 mg/m^3 total dust TWA: 5 mg/m^3 respirable dust	TWA: 10 mg/m^3	TWA: 10 mg/m^3 TWA: 3 mg/m^3 STEL: 20 mg/m^3	-	-	-
Kaolin 1332-58-7 (10-30)	TWA: 2 mg/m^3 particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	TWA: 15 mg/m^3 total dust TWA: 5 mg/m^3 respirable fraction (vacated) TWA: 10 mg/m^3 total dust (vacated) TWA: 5 mg/m^3 respirable fraction	TWA: 10 mg/m^3 total dust TWA: 5 mg/m^3 respirable dust	TWA: 2 mg/m^3	TWA: 2 mg/m^3	-	-	-
Talc 14807-96-6 (3-7)	TWA: 2 mg/m^3 particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	(vacated) TWA: 2 mg/m^3 respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more, use Quartz limit	IDLH: 1000 mg/m^3 TWA: 2 mg/m^3 containing no Asbestos and <1% Quartz respirable dust	TWA: 2 mg/m^3	TWA: 2 mg/m^3	-	-	-
Cellulose Fiber 9004-34-6 (1-5)	TWA: 10 mg/m^3	TWA: 15 mg/m^3 total dust TWA: 5 mg/m^3 respirable fraction (vacated) TWA: 15 mg/m^3 total dust (vacated) TWA: 5 mg/m^3 respirable fraction	TWA: 10 mg/m^3 total dust TWA: 5 mg/m^3 respirable dust	TWA: 10 mg/m^3	TWA: 10 mg/m^3 TWA: 3 mg/m^3	-	-	-
Carbon Black 1333-86-4 (1-10)	TWA: 3 mg/m^3 inhalable fraction	TWA: 3.5 mg/m^3 (vacated) TWA: 3.5 mg/m^3	IDLH: 1750 mg/m^3 TWA: 3.5 mg/m^3 TWA: 0.1 mg/m^3 Carbon black in presence of Polycyclic aromatic hydrocarbons PAH	TWA: 3.5 mg/m^3	TWA: 3 mg/m^3	-	-	-
Titanium Dioxide 13463-67-7 (1-10)	TWA: 10 mg/m^3	TWA: 15 mg/m^3 total dust (vacated) TWA: 10 mg/m^3 total dust	IDLH: 5000 mg/m^3	TWA: 10 mg/m^3	TWA: 10 mg/m^3 TWA: 3 mg/m^3	-	-	-

Other Information If product is sanded, appropriate respirator should be worn to avoid breathing dust. Pre-existing respiratory disorders may be aggravated by exposure. If sanded, this material may generate silica / titanium dust. Inhaled silica / titanium has been classified by IARC as a human carcinogen (see section 11).

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Personal protective equipment (PPE)

Skin and Body Protection If anticipated that prolonged and repeated skin contact will occur during use of this product, wear gloves for routine industrial use.

Eye/Face Protection Use approved eye protection to avoid eye contact.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Semi-solid		
Appearance	Dark gray-green soft solid	**Odour**	Slight characteristic odour
Odour Threshold	Not determined	**Colour**	Dark gray-green

Property	**Values**	**Remarks • Method**
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	232 °C / 450 °F	COC
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapour Density	Not determined	
Relative Density	Not determined	
Vapour Pressure	Not determined	
Water Solubility	Not determined	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidising Properties	Not determined	

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Incompatible Materials Strong solvents.

Conditions to Avoid None known based on information supplied.

Hazardous Decomposition Products Hydrocarbons. Smoke, fumes or vapors, and oxides of carbon.

Hazardous Polymerization Under normal conditions of storage and use, hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information .

Inhalation Do not inhale.

Eye Contact May be irritating to the eye.

Skin Contact May be harmful in contact with skin.

Ingestion Swallowing large amounts may cause digestive discomfort.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Residual oils (petroleum), solvent refined	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h
Cellulose Fiber	> 5 g/kg (Rat)	> 2 g/kg (Rabbit)	> 5800 mg/m^3 (Rat) 4 h
Carbon Black	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	
Titanium Dioxide	> 10000 mg/kg (Rat)		

Chronic toxicity

Carcinogenicity Titanium dioxide is a possible carcinogen when it appears as a respirable dust. Wood dust particles are considered to be a human carcinogen when in respirable form (dust / powder). Carbon black is a possible carcinogen when it appears as a respirable dust.

Chemical Name	ACGIH	IARC	NTP	OSHA
Residual oils (petroleum), solvent refined	A2	Group 1		X
Talc		Group 3		
Cellulose Fiber		Group 1		
Carbon Black	A3	Group 2B		X
Titanium Dioxide		Group 2B		X

Legend .

ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
Group 2B - Possibly Carcinogenic to Humans
Group 3 IARC components are "not classifiable as human carcinogens"
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Target organ effects None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

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Chemical Name	Algae/aquatic plants	Fish	Crustacea
Residual oils (petroleum), solvent refined		5000: 96 h Oncorhynchus mykiss mg/L LC50	1000: 48 h Daphnia magna mg/L EC50

Talc		100: 96 h Brachydanio rerio g/L LC50 semi-static	
Carbon Black			5600: 24 h Daphnia magna mg/L EC50

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Do not reuse container.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG Not regulated

TDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Calcium Carbonate	Present		X	Present		Present	X	Present	X	X
Kaolin	Present	X		Present		Present	X	Present	X	X
Residual oils (petroleum), solvent refined	Present	X		Present			X	Present	X	X
Talc	Present	X		Present		Present	X	Present	X	X
Hydrocarbon Resin	Present	X					X	Present	X	X
Cellulose Fiber	Present	X		Present		Present	X	Present	X	X
Carbon Black	Present	X		Present	Present	Present	X	Present	X	X
Titanium Dioxide	Present	X		Present		Present	X	Present	X	X

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	Not determined
Chronic Health Hazard	Not determined
Fire Hazard	Not determined

Sudden Release of Pressure Hazard	Not determined
Reactive Hazard	Not determined

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Carbon Black	Carcinogen
Titanium Dioxide	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania
Calcium Carbonate	X	X	X
Kaolin	X	X	X
Talc	X	X	X
Cellulose Fiber	X	X	X
Carbon Black	X	X	X
Titanium Dioxide	X	X	X

International Regulations

Chemical Name	Carcinogenicity	Exposure Limits
Calcium Carbonate		Mexico: TWA 10 mg/m^3 Mexico: STEL 20 mg/m^3
Kaolin		Mexico: TWA 10 mg/m^3 Mexico: STEL 20 mg/m^3
Talc		Mexico: TWA 2 mg/m^3
Cellulose Fiber		Mexico: TWA 10 mg/m^3 Mexico: STEL 20 mg/m^3
Carbon Black		Mexico: TWA 3.5 mg/m^3 Mexico: STEL 7 mg/m^3
Titanium Dioxide		Mexico: TWA 10 mg/m^3 Mexico: STEL 20 mg/m^3

CANADA

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class

Non-controlled

Canadian Provincial OEL

Component	Canada - Alberta - Occupational Exposure Limits - Carcinogens	Canada - Alberta - Occupational Exposure Limits - Designated Substances	Canada - Alberta - Occupational Exposure Limits - Simple Asphyxiants	Canada - Alberta - Occupational Exposure Limits - Skin Notations	Canada - Alberta - Occupational Exposure Limits - STELs	Canada - Alberta - Occupational Exposure Limits - TWAs
Calcium Carbonate 1317-65-3 (30-60)	-	-	-	-	-	10 mg/m^3 TWA
Kaolin 1332-58-7 (10-30)	-	-	-	-	-	2 mg/m^3 TWA
Talc 14807-96-6 (3-7)	-	-	-	-	-	2 mg/m^3 TWA
Cellulose Fiber 9004-34-6 (1-5)	-	-	-	-	-	10 mg/m^3 TWA 5 mg/m^3 TWA
Carbon Black 1333-86-4 (1-10)	-	-	-	-	-	3.5 mg/m^3 TWA
Titanium Dioxide 13463-67-7 (1-10)	-	-	-	-	-	10 mg/m^3 TWA

Component	Canada - British Columbia - Occupational Exposure Limits - Carcinogens	Canada - British Columbia - Occupational Exposure Limits - Designated Substances	Canada - British Columbia - Occupational Exposure Limits - Sensitizers	Canada - British Columbia - Occupational Exposure Limits - Simple Asphyxiants	Canada - British Columbia - Occupational Exposure Limits - Skin Notations	Canada - British Columbia - Occupational Exposure Limits - STELs	Canada - British Columbia - Occupational Exposure Limits - Substances with Reproductive Critical Effects	Canada - British Columbia - Occupational Exposure Limits - TWAs
Calcium Carbonate 1317-65-3 (30-60)	-	-	-	-	-	-	-	10 mg/m^3 TWA 3 mg/m^3 TWA
Kaolin 1332-58-7 (10-30)	-	-	-	-	-	-	-	2 mg/m^3 TWA
Talc 14807-96-6 (3-7)	-	-	-	-	-	-	-	2 mg/m^3 TWA
Cellulose Fiber 9004-34-6 (1-5)	-	-	-	-	-	-	-	10 mg/m^3 TWA 3 mg/m^3 TWA
Carbon Black 1333-86-4 (1-10)	IARC Category 2B - Possible Human Carcinogen	IARC Category 2B - Possible Human Carcinogen	-	-	-	-	-	3 mg/m^3 TWA
Titanium Dioxide 13463-67-7 (1-10)	IARC Category 2B - Possible Human Carcinogen	IARC Category 2B - Possible Human Carcinogen	-	-	-	-	-	10 mg/m^3 TWA 3 mg/m^3 TWA

Component	Canada - Manitoba - Occupational Exposure Limits - Carcinogens	Canada - Manitoba - Occupational Exposure Limits - Simple Asphyxiants	Canada - Manitoba - Occupational Exposure Limits - Skin Notations	Canada - Manitoba - Occupational Exposure Limits - STELs	Canada - Manitoba - Occupational Exposure Limits - TWAs
Kaolin 1332-58-7 (10-30)	A4 Not Classifiable as a Human Carcinogen	-	-	-	2 mg/m^3 TWA
Talc 14807-96-6 (3-7)	A4 Not Classifiable as a Human Carcinogen	-	-	-	2 mg/m^3 TWA
Cellulose Fiber 9004-34-6 (1-5)	-	-	-	-	10 mg/m^3 TWA
Carbon Black 1333-86-4 (1-10)	A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans	-	-	-	3 mg/m^3 TWA
Titanium Dioxide 13463-67-7 (1-10)	A4 Not Classifiable as a Human Carcinogen	-	-	-	10 mg/m^3 TWA

Component	Canada - New Brunswick - Occupational Exposure Limits - Carcinogens	Canada - New Brunswick - Occupational Exposure Limits - Simple Asphyxiants	Canada - New Brunswick - Occupational Exposure Limits - Skin Notations	Canada - New Brunswick - Occupational Exposure Limits - STELs	Canada - New Brunswick - Occupational Exposure Limits - TWAs
Calcium Carbonate 1317-65-3 (30-60)	-	-	-	-	10 mg/m^3 TWA
Kaolin 1332-58-7 (10-30)	A4 - Not Classifiable as a Human Carcinogen	-	-	-	2 mg/m^3 TWA
Talc 14807-96-6 (3-7)	A4 - Not Classifiable as a Human Carcinogen	-	-	-	2 mg/m^3 TWA
Cellulose Fiber 9004-34-6 (1-5)	-	-	-	-	10 mg/m^3 TWA
Carbon Black 1333-86-4 (1-10)	A4 - Not Classifiable as a Human Carcinogen	-	-	-	3.5 mg/m^3 TWA

Titanium Dioxide 13463-67-7 (1-10)	A4 - Not Classifiable as a Human Carcinogen	-	-	-	10 mg/m^3 TWA

Component	Canada - Newfoundland & Labrador - Occupational Exposure Limits - Sensitizers	Canada - Newfoundland & Labrador - Occupational Exposure Limits - Skin Notations	Canada - Newfoundland & Labrador - Occupational Exposure Limits - STELs	Canada - Newfoundland & Labrador - Occupational Exposure Limits - TWAs	Canada - Northwest Territories - Occupational Exposure Limits - Skin Notations	Canada - Northwest Territories - Occupational Exposure Limits - STELs	Canada - Northwest Territories - Occupational Exposure Limits - TWAs
Calcium Carbonate 1317-65-3 (30-60)	-	-	-	-	-	-	5 mg/m^3 TWA 10 mg/m^3 TWA
Kaolin 1332-58-7 (10-30)	-	-	-	2 mg/m^3 TWA	-	-	5 mg/m^3 TWA 10 mg/m^3 TWA
Talc 14807-96-6 (3-7)	-	-	-	2 mg/m^3 TWA	-	-	3 mg/m^3 TWA 6 mg/m^3 TWA
Cellulose Fiber 9004-34-6 (1-5)	-	-	-	10 mg/m^3 TWA	-	-	5 mg/m^3 TWA 10 mg/m^3 TWA
Carbon Black 1333-86-4 (1-10)	-	-	-	3 mg/m^3 TWA	-	7 mg/m^3 STEL	3.5 mg/m^3 TWA
Titanium Dioxide 13463-67-7 (1-10)	-	-	-	10 mg/m^3 TWA	-	-	5 mg/m^3 TWA 10 mg/m^3 TWA

Component	Canada - Nova Scotia - Occupational Exposure Limits - Carcinogens	Canada - Nova Scotia - Occupational Exposure Limits - Sensitizers	Canada - Nova Scotia - Occupational Exposure Limits - Simple Asphyxiants	Canada - Nova Scotia - Occupational Exposure Limits - Skin Notations	Canada - Nova Scotia - Occupational Exposure Limits - STELs	Canada - Nova Scotia - Occupational Exposure Limits - TWAs	Canada - Nunavut - Occupational Exposure Limits - Skin Notations	Canada - Nunavut - Occupational Exposure Limits - STELs	Canada - Nunavut - Occupational Exposure Limits - TWAs
Calcium Carbonate 1317-65-3 (30-60)	-	-	-	-	-	-	-	-	5 mg/m^3 TWA 10 mg/m^3 TWA
Kaolin 1332-58-7 (10-30)	A4 Not Classifiable as a Human Carcinogen	-	-	-	-	2 mg/m^3 TWA	-	-	5 mg/m^3 TWA 10 mg/m^3 TWA
Talc 14807-96-6 (3-7)	A4 Not Classifiable as a Human Carcinogen	-	-	-	-	2 mg/m^3 TWA	-	-	3 mg/m^3 TWA 6 mg/m^3 TWA
Cellulose Fiber 9004-34-6 (1-5)	-	-	-	-	-	10 mg/m^3 TWA	-	-	5 mg/m^3 TWA 10 mg/m^3 TWA
Carbon Black 1333-86-4 (1-10)	A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans	-	-	-	-	3 mg/m^3 TWA	-	7 mg/m^3 STEL	3.5 mg/m^3 TWA
Titanium Dioxide 13463-67-7 (1-10)	A4 Not Classifiable as a Human Carcinogen	-	-	-	-	10 mg/m^3 TWA	-	-	5 mg/m^3 TWA 10 mg/m^3 TWA

Component	Canada - Ontario - Occupational Exposure Limits - Designated Substances	Canada - Ontario - Occupational Exposure Limits - Simple Asphyxiants	Canada - Ontario - Occupational Exposure Limits - Skin Notations	Canada - Ontario - Occupational Exposure Limits - STELs	Canada - Ontario - Occupational Exposure Limits - TWAs	Canada - Prince Edward Island - Occupational Exposure Limits - STELs	Canada - Prince Edward Island - Occupational Exposure Limits - TWAs
Kaolin 1332-58-7 (10-30)	-	-	-	-	2 mg/m^3 TWA	-	2 mg/m^3 TWA
Talc 14807-96-6 (3-7)	-	-	-	-	2 mg/m^3 TWA	-	2 mg/m^3 TWA
Cellulose Fiber 9004-34-6 (1-5)	-	-	-	-	10 mg/m^3 TWA	-	10 mg/m^3 TWA
Carbon Black 1333-86-4 (1-10)	-	-	-	-	3 mg/m^3 TWA	-	3 mg/m^3 TWA
Titanium Dioxide 13463-67-7 (1-10)	-	-	-	-	10 mg/m^3 TWA	-	10 mg/m^3 TWA

Component	Canada - Quebec - Occupational Exposure Limits - Carcinogens	Canada - Quebec - Occupational Exposure Limits - Sensitizers	Canada - Quebec - Occupational Exposure Limits - Simple Asphyxiants	Canada - Quebec - Occupational Exposure Limits - Skin Designations	Canada - Quebec - Occupational Exposure Limits - STELs	Canada - Quebec - Occupational Exposure Limits - Substances Whose Exposure Should Be Controlled	Canada - Quebec - Occupational Exposure Limits - TWAEVs

Calcium Carbonate 1317-65-3 (30-60)	-	-	-	-	-	-	10 mg/m^3 TWAEV
Kaolin 1332-58-7 (10-30)	-	-	-	-	-	-	5 mg/m^3 TWAEV
Talc 14807-96-6 (3-7)	-	-	-	-	-	-	3 mg/m^3 TWAEV
Cellulose Fiber 9004-34-6 (1-5)	-	-	-	-	-	-	10 mg/m^3 TWAEV 5 mg/m^3 TWAEV
Carbon Black 1333-86-4 (1-10)	-	-	-	-	-	-	3.5 mg/m^3 TWAEV
Titanium Dioxide 13463-67-7 (1-10)	-	-	-	-	-	-	10 mg/m^3 TWAEV

Component	Canada - Saskatchewan - Occupational Exposure Limits - Designated Chemical Substances	Canada - Saskatchewan - Occupational Exposure Limits - Notifiable Chemical and Biological Substances	Canada - Saskatchewan - Occupational Exposure Limits - Sensitizers	Canada - Saskatchewan - Occupational Exposure Limits - Skin Designations	Canada - Saskatchewan - Occupational Exposure Limits - STELs	Canada - Saskatchewan - Occupational Exposure Limits - TWAs	Canada - Yukon - Occupational Exposure Limits - Carcinogens	Canada - Yukon - Occupational Exposure Limits - Maximum Acceptable Body Burdens	Canada - Yukon - Occupational Exposure Limits - Simple Asphyxiants	Canada - Yukon - Occupational Exposure Limits - Skin Notations	Canada - Yukon - Occupational Exposure Limits - STELs	Canada - Yukon - Occupational Exposure Limits - TWAs
Calcium Carbonate 1317-65-3 (30-60)	-	-	-	-	20 mg/m^3 STEL	10 mg/m^3 TWA	-	-	-	-	20 mg/m^3 STEL	30 mppcf TWA 10 mg/m^3 TWA
Kaolin 1332-58-7 (10-30)	-	-	-	-	4 mg/m^3 STEL	2 mg/m^3 TWA	-	-	-	-	20 mg/m^3 STEL	30 mppcf TWA 10 mg/m^3 TWA
Talc 14807-96-6 (3-7)	-	-	-	-	-	2 mg/m^3 TWA	-	-	-	-	-	20 mppcf TWA
Cellulose Fiber 9004-34-6 (1-5)	-	-	-	-	20 mg/m^3 STEL	10 mg/m^3 TWA	-	-	-	-	20 mg/m^3 STEL	30 mppcf TWA 10 mg/m^3 TWA
Carbon Black 1333-86-4 (1-10)	-	-	-	-	7 mg/m^3 STEL	3.5 mg/m^3 TWA	-	-	-	-	7 mg/m^3 STEL	3.5 mg/m^3 TWA
Titanium Dioxide 13463-67-7 (1-10)	-	-	-	-	20 mg/m^3 STEL	10 mg/m^3 TWA	-	-	-	-	20 mg/m^3 STEL	30 mppcf TWA 10 mg/m^3 TWA

16. OTHER INFORMATION

NFPA **Health Hazards** 0 **Flammability** 1 **Stability** 0 **Special Hazards** Not determined

HMIS **Health Hazards** Not determined **Flammability** Not determined **Physical Hazards** Not determined **Personal Protection** Not determined

Issue Date: 28-Apr-2014
Revision Date: 14-Jul-2023
Revision Note: Periodic Review

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. 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.

End of Safety Data Sheet