

# FixAll Skid Grip Anti-Slip Coating Deep Blue - F06572 Distributed by: GH International Sealants ULC

Version No: 4.5

Safety Data Sheet according to WHMIS 2015 requirements

Issue Date: 07/26/2024 Print Date: 07/30/2024 S.GHS.CAN.EN

# **SECTION 1 Identification**

#### **Product Identifier**

Product name FixAll Skid Grip Anti-Slip Coating Deep Blue - F06572	
Synonyms	Not Available
Other means of identification	Not Available

# Recommended use of the chemical and restrictions on use

Relevant identified	
uses	

Anti-slip Coating

### Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Registered company name	Distributed by: GH International Sealants ULC	ICP Construction Inc
Address	2540 Rena Road Mississauga, ON L4T 3C9 Canada	150 Dascomb Road Andover MA 01810 United States
Telephone	+1-905-677-5522	1-866-667-5119 1-978-623-9987
Fax	Not Available	Not Available
Website	www.icpgroup.com	www.icpgroup.com
Email	sds@icpgroup.com	sds@icpgroup.com

#### **Emergency phone number**

Association / Organisation	ChemTel
Emergency telephone numbers	1-800-255-3924
Other emergency telephone numbers	1-813-248-0585

# SECTION 2 Hazard(s) identification

# Classification of the substance or mixture NFPA 704 diamond



Note: The hazard category numbers found in GHS classification in section 2 of this SDSs are NOT to be used to fill in the NFPA 704 diamond. Blue = Health Red = Fire Yellow = Reactivity White = Special (Oxidizer or water reactive substances)

Classification	Carcinogenicity Category 1A, Specific Target Organ Toxicity - Repeated Exposure Category 1, Hazardous
	to the Aquatic Environment Acute Hazard Category 3

#### Label elements

Hazard pictogram(s)	
Signal word	Danger

#### Hazard statement(s)

H350	May cause cancer.
H372 Causes damage to organs through prolonged or repeated exposure.	
H402	Harmful to aquatic life.

#### Physical and Health hazard(s) not otherwise classified

Not Applicable

#### Precautionary statement(s) General

P101 If medical advice is needed, have product container or label at hand.	
P102	Keep out of reach of children.
P103	Read label before use.

#### Precautionary statement(s) Prevention

P201	Obtain special instructions before use.	
P260	Do not breathe mist/vapours/spray.	
P280	Wear protective gloves and protective clothing.	
P270	Do not eat, drink or smoke when using this product.	
P273	P273 Avoid release to the environment.	
P264	Wash all exposed external body areas thoroughly after handling.	

#### Precautionary statement(s) Response

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

#### Precautionary statement(s) Storage

P405 Store locked up.

### Precautionary statement(s) Disposal

P501

Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

# **SECTION 3 Composition / information on ingredients**

#### Substances

See section below for composition of Mixtures

#### **Mixtures**

CAS No	%[weight]	Name
14808-60-7*	15-40	silica crystalline - quartz
68476-25-5	1-5	feldspars
107-21-1	1-3	ethylene glycol
13463-67-7*	0.1-1	Titanium Dioxide Ti02

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

# **SECTION 4 First-aid measures**

#### Description of first aid measures

Eye Contact	<ul> <li>If this product comes in contact with eyes:</li> <li>Wash out immediately with water.</li> <li>If irritation continues, seek medical attention.</li> <li>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>
Skin Contact	<ul> <li>If skin contact occurs:</li> <li>Immediately remove all contaminated clothing, including footwear.</li> <li>Flush skin and hair with running water (and soap if available).</li> <li>Seek medical attention in event of irritation.</li> </ul>
Inhalation	<ul> <li>If fumes, aerosols or combustion products are inhaled remove from contaminated area.</li> <li>Other measures are usually unnecessary.</li> </ul>
Ingestion	<ul> <li>Immediately give a glass of water.</li> <li>First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.</li> </ul>

#### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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

#### Extinguishing media

- ▸ Foam.
- Dry chemical powder.

#### Special hazards arising from the substrate or mixture

Fire Incompatibility	· Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine
The moompationity	etc. as ignition may result

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

Fire Fighting	<ul> <li>Alert Fire Brigade and tell them location and nature of hazard.</li> <li>Wear full body protective clothing with breathing apparatus.</li> </ul>
---------------	---

Continued...

Fire/Explosion Hazard	<ul> <li>Combustible.</li> <li>Slight fire hazard when exposed to heat or flame.</li> <li>Combustion products include:</li> <li>carbon dioxide (CO2)</li> <li>other pyrolysis products typical of burning organic material.</li> <li>May emit poisonous fumes.</li> <li>May emit corrosive fumes.</li> </ul>
-----------------------	--

# **SECTION 6 Accidental release measures**

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

See section 8

#### **Environmental precautions**

See section 12

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

Minor Spills	<ul> <li>Remove all ignition sources.</li> <li>Clean up all spills immediately.</li> </ul>
Major Spills	Moderate hazard. ► Clear area of personnel and move upwind.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

# **SECTION 7 Handling and storage**

#### Precautions for safe handling

Safe handling	<ul> <li>Avoid all personal contact, including inhalation.</li> <li>Wear protective clothing when risk of exposure occurs.</li> <li>DO NOT allow clothing wet with material to stay in contact with skin</li> </ul>
Other information	<ul> <li>Store in original containers.</li> <li>Keep containers securely sealed.</li> </ul>

# Conditions for safe storage, including any incompatibilities

Suitable container	<ul> <li>Metal can or drum</li> <li>Packaging as recommended by manufacturer.</li> <li>Check all containers are clearly labelled and free from leaks.</li> </ul>
Storage incompatibility	<ul> <li>Avoid reaction with oxidising agents</li> </ul>



X — Must not be stored together

0 — May be stored together with specific preventions

+ — May be stored together

Note: Depending on other risk factors, compatibility assessment based on the table above may not be relevant to storage situations, particularly where large volumes of dangerous goods are stored and handled. Reference should be made to the Safety Data Sheets for

each substance or article and risks assessed accordingly.

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

#### **Control parameters**

# **Occupational Exposure Limits (OEL)**

# **INGREDIENT DATA**

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Canada - Saskatchewan Occupational Health and Safety Regulations - Contamination Limits	silica crystalline - quartz	Silica - Crystalline#: Quartz (respirable fraction++)	0.05 mg/m3	Not Available	Not Available	T20
Canada - Manitoba Occupational Exposure Limits	silica crystalline - quartz	Not Available	0.025 mg/m3	Not Available	Not Available	TLV® Basis: Pulm fibrosis; lung cancer
Canada - Prince Edward Island Occupational Exposure Limits	silica crystalline - quartz	Silica, crystalline - α-quartz and cristobalite	0.025 mg/m3	Not Available	Not Available	TLV® Basis: Pulm fibrosis; lung cancer
Canada - Ontario Occupational Exposure Limits	silica crystalline - quartz	Silica, Crystalline - Quartz/Tripoli (Respirable fraction)	0.10 mg/m3	Not Available	Not Available	* Denotes a chemical agent listed in Table 1 of Ontario Regulation 490/09 (Designated Substances) made under the Act. See clause 2 (2) (a) of this Regulation. (R) Respirable fraction: means that size fraction of the airborne particulate deposited in the gas-exchange region of the respiratory tract and collected during air sampling with a particle size-selective device that, (a) meets the ACGIH particle size-selective sampling criteria for airborne particulate matter; and (b) has the cut point of 4 µm at 50 per cent collection efficiency.
Canada - Alberta Occupational Exposure Limits	silica crystalline - quartz	Quartz, Respirable particulate	0.025 mg/m3	Not Available	Not Available	A2 Suspected Human Carcinogen.
Canada - Alberta Occupational Exposure Limits	silica crystalline - quartz	Silica- Crystalline, Respirable particulate: Quartz	0.025 mg/m3	Not Available	Not Available	A2 Suspected Human Carcinogen.
Canada - Northwest Territories Occupational Exposure Limits	silica crystalline - quartz	Silica - Crystalline: Quartz (respirable fraction)	0.05 mg/m3	Not Available	Not Available	Schedule R

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Canada - Quebec Permissible Exposure Values for Airborne Contaminants	silica crystalline - quartz	Silica - Crystalline, Quartz - Respirable dust	0.1 mg/m3	Not Available	Not Available	C2: carcinogenic effect suspected in humans EM: A substance to which exposure must be reduced to a minimum
Canada - Nova Scotia Occupational Exposure LimitsCanada	silica crystalline - quartz	Silica, Crystalline - Quartz	0.025 mg/m3	Not Available	Not Available	TLV Basis: pulmonary fibrosis; lung cancer
Canada - Ontario Occupational Exposure Limits	feldspars	Particles (Insoluble or Poorly Soluble) Not Otherwise Specified (PNOS) (Inhalable fraction)	10 mg/m3	Not Available	Not Available	<ul> <li>(I) Inhalable fraction: means that size fraction of the airborne particulate deposited anywhere in the respiratory tract and collected during air sampling with a particle size-selective device that, (a) meets the ACGIH particle size-selective sampling criteria for airborne particulate matter; and (b) has the cut point of 100 μm at 50 per cent collection efficiency.</li> </ul>
Canada - Ontario Occupational Exposure Limits	feldspars	Particles (Insoluble or Poorly Soluble) Not Otherwise Specified (PNOS) (Respirable fraction)	3 mg/m3	Not Available	Not Available	(R) Respirable fraction: means that size fraction of the airborne particulate deposited in the gas-exchange region of the respiratory tract and collected during air sampling with a particle size-selective device that, (a) meets the ACGIH particle size-selective sampling criteria for airborne particulate matter; and (b) has the cut point of 4 µm at 50 per cent collection efficiency.
Canada - Alberta Occupational Exposure Limits	feldspars	Particulate Not Otherwise Regulated: Respirable	3 mg/m3	Not Available	Not Available	3 - Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Canada - Alberta Occupational Exposure Limits	feldspars	Particulate Not Otherwise Regulated: Total	10 mg/m3	Not Available	Not Available	3 - Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Canada - Northwest Territories Occupational Exposure Limits	feldspars	Particles (Insoluble or Poorly Soluble) Not Otherwise Specified: Respirable fraction	3 mg/m3	6 mg/m3	Not Available	Not Available
Canada - Northwest Territories Occupational Exposure Limits	feldspars	Particles (Insoluble or Poorly Soluble)	10 mg/m3	20 mg/m3	Not Available	Not Available

Source	Ingredient	Material name	TWA	STEL	Peak	Notes	
		Not Otherwise Specified: Inhalable fraction					
Canada - Quebec Permissible Exposure Values for Airborne Contaminants	feldspars	Particulates Not Otherwise Classified (PNOC) - Total dust	10 mg/m3	Not Available	Not Available	Note 1: The standard corresponds to dust containing no asbestos and the percentage in crystalline silica is less than 1%.	
Canada - Nova Scotia Occupational Exposure LimitsCanada	feldspars	Particles (Insoluble or Poorly Soluble) [NOS] Inhalable particles	10 mg/m3	Not Available	Not Available	See Appendix B current TLV/BEI Book	
Canada - Nova Scotia Occupational Exposure LimitsCanada	feldspars	Particles (Insoluble or Poorly Soluble) [NOS] Respirable particles	3 mg/m3	Not Available	Not Available	See Appendix B current TLV/BEI Book	
Canada - Yukon Permissible Concentrations for Airborne Contaminant Substances	ethylene glycol	Ethylene glycol - Particulate	10 mg/m3	20 mg/m3 / 10 ppm	Not Available	Not Available	
Canada - Yukon Permissible Concentrations for Airborne Contaminant Substances	ethylene glycol	Ethylene glycol - Vapour	100 ppm / 250 mg/m3	325 mg/m3 / 125 ppm	Not Available	Not Available	
Canada - Saskatchewan Occupational Health and Safety Regulations - Contamination Limits	ethylene glycol	Ethylene glycol, (as an aerosol)	Not Available	Not Available	100 mg/m3	Not Available	
Canada - Manitoba Occupational Exposure Limits	ethylene glycol	Not Available	Not Available	Not Available	100 mg/m3	TLV® Basis: URT & eye irr	
Canada - Prince Edward Island Occupational Exposure Limits	ethylene glycol	* Ethylene glycol	25 ppm	10 mg/m3 / 50 ppm	Not Available	TLV® Basis: URT irr	
Canada - British Columbia Occupational Exposure Limits	ethylene glycol	Ethylene glycol - Particulate	10 mg/m3	20 mg/m3	Not Available	Not Available	
Canada - British Columbia Occupational Exposure Limits	ethylene glycol	Ethylene glycol - Vapour	Not Available	Not Available	50 ppm	Not Available	
Canada - British Columbia Occupational Exposure Limits	ethylene glycol	Ethylene glycol - Aerosol	Not Available	Not Available	100 mg/m3	Not Available	

Continued...

Source	Ingredient Material name TWA STEL Pea		Peak	Notes		
Canada - Alberta Occupational Exposure Limits	ethylene glycol	Ethylene glycol	Not Available	Not Available	100 mg/m3	3 - Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Canada - Northwest Territories Occupational Exposure Limits	ethylene glycol	Ethylene glycol, (as an aerosol)	Not Available	Not Available	100 mg/m3	Not Available
Canada - Quebec Permissible Exposure Values for Airborne Contaminants	ethylene glycol	Ethylene glycol (vapour and mist)	Not Available	Not Available	50 ppm / 127 mg/m3	RP: A substance which may not be recirculated
Canada - Nova Scotia Occupational Exposure LimitsCanada	ethylene glycol	Ethylene glycol	Not Available	Not Available	100 mg/m3	Value is for the aerosol. TLV Basis: upper respiratory tract & eye irritation
Canada - Saskatchewan Occupational Health and Safety Regulations - Contamination Limits	Titanium Dioxide Ti02	Titanium dioxide	10 mg/m3	20 mg/m3	Not Available	Not Available
Canada - Manitoba Occupational Exposure Limits	Titanium Dioxide Ti02	Not Available	10 mg/m3	Not Available	Not Available	TLV® Basis: LRT irr
Canada - Prince Edward Island Occupational Exposure Limits	Titanium Dioxide Ti02	Titanium dioxide	10 mg/m3	Not Available	Not Available	TLV® Basis: LRT irr
Canada - British Columbia Occupational Exposure Limits	Titanium Dioxide Ti02	Titanium dioxide	10 mg/m3	Not Available	Not Available	<ul> <li>(N) - the 8-hour TWA listed in the Table is for the total dust.</li> <li>The substance also has an 8-hour TWA of 3 mg/m 3 for the respirable fraction.</li> </ul>
Canada - Ontario Occupational Exposure Limits	Titanium Dioxide Ti02	Particles (Insoluble or Poorly Soluble) Not Otherwise Specified (PNOS) (Inhalable fraction)	10 mg/m3	Not Available	Not Available	(I) Inhalable fraction: means that size fraction of the airborne particulate deposited anywhere in the respiratory tract and collected during air sampling with a particle size-selective device that, (a) meets the ACGIH particle size-selective sampling criteria for airborne particulate matter; and (b) has the cut point of 100 µm at 50 per cent collection efficiency.
Canada - Ontario Occupational Exposure Limits	Titanium Dioxide Ti02	Particles (Insoluble or Poorly Soluble) Not Otherwise Specified (PNOS) (Respirable fraction)	3 mg/m3	Not Available	Not Available	(R) Respirable fraction: means that size fraction of the airborne particulate deposited in the gas-exchange region of the respiratory tract and collected during air sampling with a particle size-selective device that, (a) meets the ACGIH

Continued...

Source	Ingredient	Material name	ти	VA	STEL	Pe	ak	Notes
								particle size-selective sampling criteria for airborne particulate matter; and (b) has the cut point of 4 µm at 50 per cent collection efficiency.
Canada - Alberta Occupational Exposure Limits	Titanium Dioxide Ti02	Titanium dioxide	10 mg	g/m3	Not Available	Nc Av	t ailable	3 - Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.
Canada - Northwest Territories Occupational Exposure Limits	Titanium Dioxide Ti02	Titanium dioxide	10 mg/m3		20 mg/m3	Nc Av	it ailable	Not Available
Canada - Quebec Permissible Exposure Values for Airborne Contaminants	Titanium Dioxide Ti02	Titanium dioxide - Total dust	10 mg/m3		Not Available	Nc Av	ot ailable	Note 1: The standard corresponds to dust containing no asbestos and the percentage in crystalline silica is less than 1%.
Canada - Nova Scotia Occupational Exposure LimitsCanada	Titanium Dioxide Ti02	Titanium dioxide	10 mg	g/m3	Not Available	Nc Av	it ailable	TLV Basis: lower respiratory tract irritation
Emergency Limits								
Ingredient	TEEL-1			TEEL-	2			TEEL-3
silica crystalline - quartz	0.075 mg/m3	3		33 mg/m3				200 mg/m3
ethylene glycol	30 ppm			150 ppm				900 ppm
Titanium Dioxide Ti02	30 mg/m3			330 m	g/m3			2,000 mg/m3
Ingredient	Original IDLH Revised IDLH							ed IDLH
silica crystalline - quartz	25 mg/m3 / 5	50 mg/m3		Ne		Not A	vailable	
feldspars	Not Available						Not A	vailable
ethylene glycol	Not Available	9			Not Available			vailable
Titanium Dioxide Ti02	5,000 mg/m3	3					Not A	vailable

# Exposure controls

Appropriate engineering controls	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.
Individual protection measures, such as personal protective equipment	
Eye and face protection	<ul> <li>Safety glasses with side shields.</li> <li>Chemical goggles.</li> </ul>
Skin protection	See Hand protection below

Hands/feet protection	<ul> <li>Wear chemical protective gloves, e.g. PVC.</li> <li>Wear safety footwear or safety gumboots, e.g. Rubber</li> <li>The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.</li> </ul>
Body protection	See Other protection below
Other protection	<ul><li>► Overalls.</li><li>► P.V.C apron.</li></ul>

#### **Respiratory protection**

Type BKAX-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

If inhalation risk above the TLV exists, wear approved dust respirator.

Use respirators with protection factors appropriate for the exposure level.

- ▶ Up to 5 X TLV, use valveless mask type; up to 10 X TLV, use 1/2 mask dust respirator
- Up to 50 X TLV, use full face dust respirator or demand type C air supplied respirator
- Up to 500 X TLV, use powered air-purifying dust respirator or a Type C pressure demand supplied-air respirator
- Over 500 X TLV wear full-face self-contained breathing apparatus with positive pressure mode or a combination respirator with a Type C positive pressure supplied-air full-face respirator and an auxiliary self-contained breathing apparatus operated in pressure demand or other positive pressure mode
- Cartridge respirators should never be used for emergency ingress or in areas of unknown vapour concentrations or oxygen content.
- The wearer must be warned to leave the contaminated area immediately on detecting any odours through the respirator. The odour may indicate that the mask is not functioning properly, that the vapour concentration is too high, or that the mask is not properly fitted. Because of these limitations, only restricted use of cartridge respirators is considered appropriate.
- Cartridge performance is affected by humidity. Cartridges should be changed after 2 hr of continuous use unless it is determined that the humidity is less than 75%, in which case, cartridges can be used for 4 hr. Used cartridges should be discarded daily, regardless of the length of time used

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

#### Information on basic physical and chemical properties

Appearance	Not Available		
Physical state	Liquid	Relative density (Water = 1)	Not Available
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	Not Available	Decomposition temperature (°C)	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Available
Flash point (°C)	>130	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available

Flammability	Not Applicable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	Immiscible	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	69.26

# SECTION 10 Stability and reactivity

Reactivity	See section 7
Chemical stability	<ul> <li>Unstable in the presence of incompatible materials.</li> <li>Product is considered stable.</li> </ul>
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

# **SECTION 11 Toxicological information**

# Information on toxicological effects

Inhaled	The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.
Ingestion	The material has <b>NOT</b> been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence.
Skin Contact	Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions. There is some evidence to suggest that this material can cause inflammation of the skin on contact in some persons. Open cuts, abraded or irritated skin should not be exposed to this material Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.
Eye	Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).
Chronic	Studies show that inhaling this substance for over a long period (e.g. in an occupational setting) may increase the risk of cancer.

FixAll Skid Grip Anti-Slip Coating Deep Blue - F06572 Toxic: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. This material can cause serious damage if one is exposed to it for long periods. It can be assumed that it contains a substance which can produce severe defects. Crystalline silicas activate the inflammatory response of white blood cells after they injure the lung epithelium. Chronic exposure to crystalline silicas reduces lung capacity and predisposes to chest infections. **FixAll Skid Grip** TOXICITY IRRITATION Anti-Slip Coating Not Available Not Available Deep Blue - F06572 TOXICITY IRRITATION Inhalation (Human)LCLo: 0.3 mg/m3/10Y<sup>[2]</sup> Not Available silica crystalline quartz Inhalation (Human)TCLo: 16 mppcf\*/8H/17.9Y<sup>[2]</sup> Inhalation (Rat)TCLo: 50 mg/m3/6H/71W<sup>[2]</sup> TOXICITY IRRITATION feldspars Not Available Not Available TOXICITY IRRITATION dermal (mouse) LD50: >3500 mg/kg<sup>[1]</sup> Eye (rabbit): 100 mg/1h - mild Oral (Rat) LD50: >2000 mg/kg<sup>[2]</sup> Eye (rabbit): 12 mg/m3/3D Eye (rabbit): 1440mg/6h-moderate ethylene glycol Eye (rabbit): 500 mg/24h - mild Eye: no adverse effect observed (not irritating)<sup>[1]</sup> Skin (rabbit): 555 mg(open)-mild Skin: no adverse effect observed (not irritating)<sup>[1]</sup> TOXICITY IRRITATION dermal (hamster) LD50: >=10000 mg/kg<sup>[2]</sup> Eye: no adverse effect observed (not irritating)<sup>[1]</sup> **Titanium Dioxide Ti02** Inhalation (Rat) LC50: >2.28 mg/l4h<sup>[1]</sup> Skin: no adverse effect observed (not irritating)<sup>[1]</sup> Oral (Rat) LD50: >=2000 mg/kg<sup>[1]</sup> Legend: 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

	WARNING: For inhalation exposure <u>ONLY</u> : This substance has been classified by the IARC as Group 1: CARCINOGENIC TO HUMANS
silica crystalline - quartz	The International Agency for Research on Cancer (IARC) has classified occupational exposures to <b>respirable</b> (<5 um) crystalline silica as being carcinogenic to humans . This classification is based on what IARC considered sufficient evidence from epidemiological studies of humans for the carcinogenicity of inhaled silica in the forms of quartz and cristobalite.
FELDSPARS	No significant acute toxicological data identified in literature search.

[Estimated Lethal Dose (human) 100 ml; RTECS quoted by Orica] Substance is reproductive effector in rats (birth defects). Mutagenic to rat cells. For ethylene glycol: ETHYLENE GLYCOL Ethylene glycol is quickly and extensively absorbed throughout the gastrointestinal tract. Limited information suggests that it is also absorbed through the airways; absorption through skin is apparently slow. Acute Toxicity × Carcinogenicity ~ Skin × Reproductivity × Irritation/Corrosion Serious Eye STOT - Single × × Damage/Irritation Exposure **STOT - Repeated Respiratory or Skin** × ~ sensitisation Exposure Mutagenicity × **Aspiration Hazard** × × – Data either not available or does not fill the criteria for classification Legend:

Data available to make classification

# **SECTION 12 Ecological information**

#### Toxicity

FixAll Skid Grip	Endpoint	Test Duration (h	r)	Species	Value		Source	9
Anti-Slip Coating Deep Blue - F06572	Not Available	Not Available		Not Available	Not Av	ailable	Not Av	ailable
silica crystalline -	Endpoint	Test Duration (h	ır)	Species	Value		Source	9
quartz	Not Available	Not Available		Not Available	ot Available Not Available		Not Available	
	Endpoint	Test Duration (h	ır)	Species Value		Source		9
feldspars	Not Available	Not Available		Not Available	Not Av	ailable	Not Av	ailable
	Endpoint	Test Duration (hr)	Specie	Species		Value		Source
	EC50(ECx)	Not Available	Algae or other aquatic plants		6500-7500mg/l		1	
ethylene glycol	EC50	48h	Crustacea		>100mg/l		2	
	LC50	96h	Fish		8050mg/L		4	
	EC50	96h	Algae or other aquatic plants		6500-130	00mg/l	1	
	Endpoint	Test Duration (hr)	Spec	cies		Value		Source
	BCF	1008h	Fish		<1.1-9.6		7	
	EC50	72h	Alga	e or other aquatic	plants	3.75-7.	58mg/l	4
itanium Dioxide Ti02	EC50	48h	Crustacea		1.9mg/l		2	
	LC50	96h	Fish	Fish		1.85-3.06mg/l		4
	NOEC(ECx)	672h	Fish			>=0.004mg/L		2
	EC50	96h	Algae or other aquatic plants		nlanta	179.05	~~/l	2

Information - Aquatic Toxicity 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic

Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration
Data 8. Vendor Data

#### Harmful to aquatic organisms.

**DO NOT** discharge into sewer or waterways.

#### Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
ethylene glycol	LOW (Half-life = 24 days)	LOW (Half-life = 3.46 days)
Titanium Dioxide Ti02	HIGH	HIGH

#### **Bioaccumulative potential**

Ingredient	Bioaccumulation
ethylene glycol	LOW (BCF = 200)
Titanium Dioxide Ti02	LOW (BCF = 10)

#### Mobility in soil

Ingredient	Mobility
ethylene glycol	HIGH (Log KOC = 1)
Titanium Dioxide Ti02	LOW (Log KOC = 23.74)

### **SECTION 13 Disposal considerations**

#### Waste treatment methods

	Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area.
Product / Packaging	• DO NOT allow wash water from cleaning or process equipment to enter drains.
disposal	It may be necessary to collect all wash water for treatment before disposal.
	<ul> <li>Recycle wherever possible or consult manufacturer for recycling options.</li> </ul>
	<ul> <li>Consult State Land Waste Authority for disposal.</li> </ul>

# **SECTION 14 Transport information**

#### Labels Required

Marine Pollutant	NO

#### Land transport (TDG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

#### Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

#### Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

#### 14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

#### 14.7.2. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name	Group
--------------	-------

Product name	Group
silica crystalline - quartz	Not Available
feldspars	Not Available
ethylene glycol	Not Available
Titanium Dioxide Ti02	Not Available

#### 14.7.3. Transport in bulk in accordance with the IGC Code

Product name	Ship Type
silica crystalline - quartz	Not Available
feldspars	Not Available
ethylene glycol	Not Available
Titanium Dioxide Ti02	Not Available

# **SECTION 15 Regulatory information**

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

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the SDS contains all the information required by the Hazardous Products Regulations.

#### silica crystalline - quartz is found on the following regulatory lists

Canada Categorization decisions for all DSL substances

Canada Domestic Substances List (DSL)

Canada Toxicological Index Service - Workplace Hazardous Materials Information System - WHMIS GHS

Chemical Footprint Project - Chemicals of High Concern List

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 1: Carcinogenic to humans

#### feldspars is found on the following regulatory lists

Canada Non-Domestic Substances List (NDSL)

International WHO List of Proposed Occupational Exposure Limit (OEL) Values for Manufactured Nanomaterials (MNMS)

#### ethylene glycol is found on the following regulatory lists

Canada Categorization decisions for all DSL substances

Canada Domestic Substances List (DSL)

Canada Toxicological Index Service - Workplace Hazardous Materials Information System - WHMIS GHS

Chemical Footprint Project - Chemicals of High Concern List

#### Titanium Dioxide Ti02 is found on the following regulatory lists

Canada Categorization decisions for all DSL substances

Canada Domestic Substances List (DSL)

Canada Toxicological Index Service - Workplace Hazardous Materials Information System - WHMIS GHS

Chemical Footprint Project - Chemicals of High Concern List

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 2B: Possibly carcinogenic to humans

International WHO List of Proposed Occupational Exposure Limit (OEL) Values for Manufactured Nanomaterials (MNMS)

#### Additional Regulatory Information

Not Applicable

#### **National Inventory Status**

National Inventory	Status			
Australia - AIIC / Australia Non-Industrial Use	Yes			
Canada - DSL	Yes			
Canada - NDSL	No			
China - IECSC	Yes			
Europe - EINEC / ELINCS / NLP	Yes			
Japan - ENCS	No (feldspars)			
Korea - KECI	Yes			
New Zealand - NZIoC	Yes			
Philippines - PICCS	Yes			
USA - TSCA	Yes			
Taiwan - TCSI	Yes			
Mexico - INSQ	Yes			
Vietnam - NCI	Yes			
Russia - FBEPH	No (feldspars)			
Legend:	Yes = All CAS declared ingredients are on the inventory No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration.			

### **SECTION 16 Other information**

Revision Date	07/26/2024
Initial Date	07/08/2024

#### CONTACT POINT

#### **SDS Version Summary**

Version	Date of Update	Sections Updated
3.5	07/26/2024	Hazards identification - Classification, Composition / information on ingredients - Ingredients

#### Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

#### **Definitions and abbreviations**

- + PC TWA: Permissible Concentration-Time Weighted Average
- + PC STEL: Permissible Concentration-Short Term Exposure Limit
- + IARC: International Agency for Research on Cancer

- + ACGIH: American Conference of Governmental Industrial Hygienists
- STEL: Short Term Exposure Limit
- ► TEEL: Temporary Emergency Exposure Limit.
- IDLH: Immediately Dangerous to Life or Health Concentrations
- ES: Exposure Standard
- OSF: Odour Safety Factor
- NOAEL: No Observed Adverse Effect Level
- LOAEL: Lowest Observed Adverse Effect Level
- TLV: Threshold Limit Value
- ▶ LOD: Limit Of Detection
- OTV: Odour Threshold Value
- BCF: BioConcentration Factors
- BEI: Biological Exposure Index
- DNEL: Derived No-Effect Level
- PNEC: Predicted no-effect concentration
- + AIIC: Australian Inventory of Industrial Chemicals
- DSL: Domestic Substances List
- NDSL: Non-Domestic Substances List
- + IECSC: Inventory of Existing Chemical Substance in China
- EINECS: European INventory of Existing Commercial chemical Substances
- ELINCS: European List of Notified Chemical Substances
- ▶ NLP: No-Longer Polymers
- ENCS: Existing and New Chemical Substances Inventory
- KECI: Korea Existing Chemicals Inventory
- NZIoC: New Zealand Inventory of Chemicals
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- TSCA: Toxic Substances Control Act
- TCSI: Taiwan Chemical Substance Inventory
- INSQ: Inventario Nacional de Sustancias Químicas
- NCI: National Chemical Inventory
- FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

Powered by AuthorITe, from Chemwatch.

