# SAFETY DATA SHEET



## 1. Identification

Product identifier EMPIRE DP

Other means of identification

Brand Code 143C

**Recommended use** For Industrial Use Only

**Recommended restrictions**Users should be informed of the potential presence of respirable dust and respirable crystalline

silica as well as their potential hazards. Appropriate training in the proper use and handling of this

material should be provided as required under applicable regulations.

### Manufacturer/Importer/Supplier/Distributor information

#### Manufacturer

Company name HarbisonWalker International

Address 1305 Cherrington Parkway, Suite 100

Moon Township Pennsylvania 15108 US

**Telephone** General Phone: 412-375-6600

Websitewww.thinkHWI.comEmergency phone numberNot available.SupplierNot available.

## 2. Hazard identification

#### Classified hazards

This item is defined as an article per OSHA, REACH, and WHMIS and is therefore exempt from labeling. A Safety Data Sheet is available.

This item is not Classified as hazardous. However, individual customer processes (such as grinding, sawing, or blasting) may result in the formation of dust that may present health hazards. Wear protective gloves/protective clothing/eye protection.

### Label elements

This item is defined as an article per OSHA, REACH, and WHMIS and is therefore exempt from labeling. A Safety Data Sheet is available.

This item is not Classified as hazardous. However, individual customer processes (such as grinding, sawing, or blasting) may result in the formation of dust that may present health hazards. Wear protective gloves/protective clothing/eye protection.

## Other hazards

This item is defined as an article per OSHA, REACH, and WHMIS and is therefore exempt from labeling. A Safety Data Sheet is available.

This item is not Classified as hazardous. However, individual customer processes (such as grinding, sawing, or blasting) may result in the formation of dust that may present health hazards. Wear protective gloves/protective clothing/eye protection.

# 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Mullite		1302-93-8	60 - 80
FIBROUS GLASS		65997-17-3	10 - 25
SILICA, AMORPHOUS, FUMED	Fumed Silica Silica, crystalline free	7631-86-9	2.5 - 10
SILICA, CRYSTALLINE, CRISTOBALITE		14464-46-1	2.5 - 10
SILICA, CRYSTALLINE, QUARTZ		14808-60-7	2.5 - 10
FERRIC OXIDE		1309-37-1	1 - 2.5
Titanium Dioxide		13463-67-7	1 - 2.5

Material name: EMPIRE DP SDS CANADA

143C Version #: 01 Issue date: 01-21-2019

Crystalline silica may be present at low concentrations; most of this is encapsulated in the coarse aggregate or as part of the clays or sands

## 4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Wash off with soap and water. Get medical attention if irritation develops and persists. Skin contact

Prolonged exposure may cause chronic effects.

Rinse with water. Get medical attention if irritation develops and persists. Eye contact

Ingestion Rinse mouth. Get medical attention if symptoms occur.

Most important

symptoms/effects, acute and

delayed

Indication of immediate medical attention and special

treatment needed

Provide general supportive measures and treat symptomatically. Keep victim under observation.

Symptoms may be delayed.

**General information** IF exposed or concerned: Get medical advice/attention.

## 5. Fire-fighting measures

Suitable extinguishing media

Unsuitable extinguishing

media

Not available.

Specific hazards arising from

the chemical

Not applicable.

Special protective equipment and precautions for firefighters Not available.

## 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Stop the flow of material, if this is without risk. Following product recovery, flush area with water. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

**Environmental precautions** 

Avoid discharge into drains, water courses or onto the ground.

Use fire-extinguishing media appropriate for surrounding materials.

# 7. Handling and storage

Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Keep formation of airborne dusts to a minimum. Provide appropriate exhaust ventilation at places where dust is formed. Avoid prolonged exposure. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Not available.

## 8. Exposure controls/personal protection

### Occupational exposure limits

## **US. ACGIH Threshold Limit Values**

Components	Туре	Value	Form
FERRIC OXIDE (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction.
Mullite (CAS 1302-93-8)	TWA	1 mg/m3	Respirable fraction.
SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)	TWA	0.025 mg/m3	Respirable fraction.
SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
Titanium Dioxide (CAS 13463-67-7)	TWA	10 mg/m3	

Material name: EMPIRE DP SDS CANADA

Canada. Alberta OELs (Occupation		<del>-</del>	Fa
Components	Туре	Value	Form
FERRIC OXIDE (CAS 1309-37-1)	TWA	5 mg/m3	Respirable.
FIBROUS GLASS (CAS 65997-17-3)	TWA	0.2 fibers/cm3	Fiber.
		5 mg/m3	Fiber, total
		5 mg/m3	Total particulate.
SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)	TWA	0.025 mg/m3	Respirable.
		0.025 mg/m3	Respirable particles
SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable particles
Titanium Dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
Canada. British Columbia OELs. (C		s for Chemical Substances, Oc	cupational Health and
Safety Regulation 296/97, as amend Components	ded) Type	Value	Form
FERRIC OXIDE (CAS	STEL	10 mg/m3	Fume.
1309-37-1)	-		
	TWA	5 mg/m3	Fume.
		5 mg/m3	Dust.
		3 mg/m3	Respirable fraction.
		10 mg/m3	Total dust.
FIBROUS GLASS (CAS 85997-17-3)	TWA	0.2 fibers/cm3	Fiber.
,		5 mg/m3	Inhalable fibers.
Mullite (CAS 1302-93-8)	TWA	1 mg/m3	Respirable.
SILICA, AMORPHOUS,	TWA	4 mg/m3	Total
FUMED (CAS 7631-86-9)			
		1.5 mg/m3	Respirable.
SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)	TWA	0.025 mg/m3	Respirable fraction.
SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
Titanium Dioxide (CAS 13463-67-7)	TWA	3 mg/m3	Respirable fraction.
,		10 mg/m3	Total dust.
Canada. Manitoba OELs (Reg. 217/	2006, The Workplace Safety	And Health Act)	
Components	Туре	Value	Form
FERRIC OXIDE (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction.
Mullite (CAS 1302-93-8)	TWA	1 mg/m3	Respirable fraction.
SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)	TWA	0.025 mg/m3	Respirable fraction.
SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
Titanium Dioxide (CAS	TWA	10 mg/m3	

Material name: EMPIRE DP SDS CANADA

Components	ntrol of Exposure to Biological or Cher Type	Value	Form
FERRIC OXIDE (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction.
FIBROUS GLASS (CAS 65997-17-3)	TWA	0.5 fibers/cc	Respirable fibers.
		5 mg/m3	Inhalable fraction.
Mullite (CAS 1302-93-8)	TWA	1 mg/m3	Respirable fraction.
SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)	TWA	0.05 mg/m3	Respirable fraction.
SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)	TWA	0.1 mg/m3	Respirable fraction.
Titanium Dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
	nistry of Labor - Regulation respecting	=	<del>-</del> -
Components	Туре	Value	Form
FERRIC OXIDE (CAS 1309-37-1)	TWA	5 mg/m3	Dust and fume.
		10 mg/m3	Total dust.
FIBROUS GLASS (CAS 65997-17-3)	TWA	1 fibers/cm3n	Fiber.
		10 mg/m3	fibers, total dust
SILICA, AMORPHOUS, FUMED (CAS 7631-86-9)	TWA	6 mg/m3	Respirable dust.
SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)	TWA	0.05 mg/m3	Respirable dust.
SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)	TWA	0.1 mg/m3	Respirable dust.
Titanium Dioxide (CAS 13463-67-7)	TWA	10 mg/m3	Total dust.
Canada. Saskatchewan OE	Ls (Occupational Health and Safety Re	-	Form
	IVDE	Value	
Components	Type  15 minute	Value	
Components FERRIC OXIDE (CAS	15 minute	Value 20 mg/m3	
Components FERRIC OXIDE (CAS			Dust and fume.
Components FERRIC OXIDE (CAS		20 mg/m3	Dust and fume. Dust and fume.
Components FERRIC OXIDE (CAS	15 minute	20 mg/m3 10 mg/m3	
FERRIC OXIDE (CAS 1309-37-1) FIBROUS GLASS (CAS	15 minute	20 mg/m3 10 mg/m3 5 mg/m3	
FERRIC OXIDE (CAS 1309-37-1) FIBROUS GLASS (CAS	15 minute 8 hour	20 mg/m3 10 mg/m3 5 mg/m3 10 mg/m3	Dust and fume.
FERRIC OXIDE (CAS 1309-37-1) FIBROUS GLASS (CAS	15 minute 8 hour 15 minute	20 mg/m3 10 mg/m3 5 mg/m3 10 mg/m3 10 mg/m3	Dust and fume.  Inhalable fraction.
FERRIC OXIDE (CAS 1309-37-1)  FIBROUS GLASS (CAS 65997-17-3)	15 minute 8 hour 15 minute	20 mg/m3 10 mg/m3 5 mg/m3 10 mg/m3 10 mg/m3	Dust and fume.  Inhalable fraction.  Respirable fibers.
FERRIC OXIDE (CAS 1309-37-1)  FIBROUS GLASS (CAS 65997-17-3)	15 minute 8 hour 15 minute 8 hour	20 mg/m3 10 mg/m3 5 mg/m3 10 mg/m3 10 mg/m3 0.2 fibers/cc 5 mg/m3	Dust and fume.  Inhalable fraction.  Respirable fibers. Inhalable fraction.
FERRIC OXIDE (CAS 1309-37-1)  FIBROUS GLASS (CAS 65997-17-3)  Mullite (CAS 1302-93-8)  SILICA, CRYSTALLINE, CRISTOBALITE (CAS	15 minute  8 hour  15 minute  8 hour  15 minute	20 mg/m3 10 mg/m3 5 mg/m3 10 mg/m3 10 mg/m3 0.2 fibers/cc 5 mg/m3 20 mg/m3	Dust and fume.  Inhalable fraction.  Respirable fibers. Inhalable fraction. Dust.
FERRIC OXIDE (CAS 1309-37-1)  FIBROUS GLASS (CAS 65997-17-3)  Mullite (CAS 1302-93-8)  SILICA, CRYSTALLINE, CRISTOBALITE (CAS	15 minute  8 hour  15 minute  8 hour  15 minute  8 hour	20 mg/m3 10 mg/m3 5 mg/m3 10 mg/m3 10 mg/m3 0.2 fibers/cc 5 mg/m3 20 mg/m3 10 mg/m3	Dust and fume.  Inhalable fraction.  Respirable fibers. Inhalable fraction. Dust. Dust.
Components  FERRIC OXIDE (CAS 1309-37-1)  FIBROUS GLASS (CAS 65997-17-3)  Mullite (CAS 1302-93-8)  SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)  SILICA, CRYSTALLINE,	15 minute  8 hour  15 minute  8 hour  15 minute  8 hour  15 minute  8 hour  15 minute	20 mg/m3 10 mg/m3 5 mg/m3 10 mg/m3 10 mg/m3 0.2 fibers/cc 5 mg/m3 20 mg/m3 10 mg/m3 10 mg/m3	Dust and fume.  Inhalable fraction.  Respirable fibers. Inhalable fraction.  Dust.  Dust. Inhalable fraction.
FERRIC OXIDE (CAS 1309-37-1)  FIBROUS GLASS (CAS 65997-17-3)  Mullite (CAS 1302-93-8)  SILICA, CRYSTALLINE, CRISTOBALITE (CAS 14464-46-1)  SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)  Titanium Dioxide (CAS 13463-67-7)	15 minute  8 hour  15 minute  8 hour  15 minute  8 hour  15 minute  8 hour  15 minute	20 mg/m3 10 mg/m3 5 mg/m3 10 mg/m3 10 mg/m3 0.2 fibers/cc 5 mg/m3 20 mg/m3 10 mg/m3 10 mg/m3	Dust and fume.  Inhalable fraction.  Respirable fibers. Inhalable fraction.  Dust. Dust. Inhalable fraction.  Respirable fraction.

Material name: EMPIRE DP

**Exposure guidelines** Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica

should be monitored and controlled.

Appropriate engineering

controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

If contact is likely, safety glasses with side shields are recommended. Eye/face protection

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Use of an impervious apron is recommended. Other

Respiratory protection Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels

exceeding the exposure limits.

Wear appropriate thermal protective clothing, when necessary. Thermal hazards







General hygiene considerations

Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

**Appearance** 

Solid. Physical state

**Form** Brick or Cast Shape

Color Not available. Odor Not available. **Odor threshold** Not available. Not available. pН Melting point/freezing point Not available. Not available.

Initial boiling point and boiling

range

Flash point **Evaporation rate**  Not available. Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or explosive limits Flammability limit - lower

(%)

Flammability limit - upper

(%)

Not available.

Not available.

Not available. Explosive limit - lower (%) Explosive limit - upper (%) Not available. Vapor pressure Not available. Not available. Vapor density Relative density Not available.

Solubility(ies)

Not available. Solubility (water) Partition coefficient Not available.

(n-octanol/water)

**Auto-ignition temperature** Not available. Not available. **Decomposition temperature Viscosity** Not available.

Material name: EMPIRE DP SDS CANADA Other information

Not explosive. **Explosive properties Oxidizing properties** Not oxidizing.

## 10. Stability and reactivity

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

Chemical stability Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Contact with incompatible materials. Conditions to avoid

Incompatible materials Strong oxidizing agents.

Incompatibility is based strictly upon potential theoretical reactions between chemicals and may

not be specific to industrial application exposure.

**Hazardous decomposition** 

products

No hazardous decomposition products are known.

## 11. Toxicological information

## Information on likely routes of exposure

Inhalation Prolonged inhalation may be harmful.

Skin contact No adverse effects due to skin contact are expected. Eye contact Direct contact with eyes may cause temporary irritation.

Ingestion Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

# Information on toxicological effects

**Acute toxicity** Not known.

Prolonged skin contact may cause temporary irritation. Skin corrosion/irritation Serious eve damage/eve Direct contact with eyes may cause temporary irritation.

irritation

## Respiratory or skin sensitization

#### Canada - Alberta OELs: Irritant

FIBROUS GLASS (CAS 65997-17-3) Irritant SILICA, CRYSTALLINE, CRISTOBALITE (CAS Irritant

14464-46-1)

Titanium Dioxide (CAS 13463-67-7) Irritant

Respiratory sensitization Not a respiratory sensitizer.

This product is not expected to cause skin sensitization. Skin sensitization

No data available to indicate product or any components present at greater than 0.1% are Germ cell mutagenicity

mutagenic or genotoxic.

In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica Carcinogenicity

inhaled from occupational sources can cause lung cancer in humans. However in making the

overall evaluation, IARC noted that "carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the

crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.) In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore, preventing the onset of silicosis will also reduce the cancer risk..." (SCOEL SUM Doc 94-final, June 2003) According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits. May cause cancer. Occupational exposure to respirable dust and

respirable crystalline silica should be monitored and controlled.

## **ACGIH Carcinogens**

FERRIC OXIDE (CAS 1309-37-1) A4 Not classifiable as a human carcinogen. FIBROUS GLASS (CAS 65997-17-3) A2 Suspected human carcinogen.

Material name: EMPIRE DP SDS CANADA Mullite (CAS 1302-93-8)

A4 Not classifiable as a human carcinogen.

SILICA, CRYSTALLINE, CRISTOBALITE (CAS A2 Suspected human carcinogen.

14464-46-1)

SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) A2 Suspected human carcinogen.

Titanium Dioxide (CAS 13463-67-7)

A4 Not classifiable as a human carcinogen.

Canada - Alberta OELs: Carcinogen category

FIBROUS GLASS (CAS 65997-17-3)

Suspected human carcinogen.

SILICA, CRYSTALLINE, CRISTOBALITE (CAS

Suspected human carcinogen.

14464-46-1)

SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) Suspected human carcinogen.

Canada - Manitoba OELs: carcinogenicity

FERRIC OXIDE (CAS 1309-37-1) Not classifiable as a human carcinogen.

FIBROUS GLASS (CAS 65997-17-3) Suspected human carcinogen.

Mullite (CAS 1302-93-8) Not classifiable as a human carcinogen.

SILICA, CRYSTALLINE, CRISTOBALITE (CAS Suspected human carcinogen.

14464-46-1)

SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) Suspected human carcinogen.

Titanium Dioxide (CAS 13463-67-7)

Not classifiable as a human carcinogen.

Canada - Quebec OELs: Carcinogen category

FIBROUS GLASS (CAS 65997-17-3)

Detected carcinogenic effect in animals.

SILICA, CRYSTALLINE, CRISTOBALITE (CAS

Detected carcinogenic effect in animals.

14464-46-1)

SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) Suspected carcinogenic effect in humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

FERRIC OXIDE (CAS 1309-37-1)

3 Not classifiable as to carcinogenicity to humans.

SILICA, AMORPHOUS, FUMED (CAS 7631-86-9)

3 Not classifiable as to carcinogenicity to humans.

SILICA, CRYSTALLINE, CRISTOBALITE (CAS 1 Carcinogenic to humans.

14464-46-1)

SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) 1 Carcinogenic to humans.

Titanium Dioxide (CAS 13463-67-7)

2B Possibly carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens

FIBROUS GLASS (CAS 65997-17-3) Reasonably Anticipated to be a Human Carcinogen.

SILICA, CRYSTALLINE, CRISTOBALITE (CAS Known To Be Human Carcinogen.

14464-46-1)

Reasonably Anticipated to be a Human Carcinogen.

SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) Known To Be Human Carcinogen.

**Reproductive toxicity**This product is not expected to cause reproductive or developmental effects.

**Developmental effects** 

SILICA, CRYSTALLINE, QUARTZ 0

Developmental effects - EU category

SILICA, CRYSTALLINE, QUARTZ 0

Embryotoxicity

SILICA, CRYSTALLINE, QUARTZ 0

Reproductivity

SILICA, CRYSTALLINE, QUARTZ 0

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity - repeated exposure

Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects**Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be

harmful.

12. Ecological information

**Ecotoxicity**The product is not classified as environmentally hazardous. However, this does not exclude the

possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

Bioaccumulative potential No data available.

Mobility in soil No data available.

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Material name: EMPIRE DP SDS CANADA

## 13. Disposal considerations

**Disposal instructions**This product, in its present state, when discarded or disposed of, is not a hazardous waste

according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria

for hazardous waste.

**Hazardous waste code**Since this product is used in several industries, no Waste Code can be provided by the supplier.

The Waste Code should be determined in arrangement with your waste disposal partner or the

responsible authority.

Waste from residues / unused

products

Not available.

Contaminated packaging Not available.

## 14. Transport information

#### **TDG**

Not regulated as dangerous goods.

#### IATA

Not regulated as dangerous goods.

#### **IMDG**

Not regulated as dangerous goods.

Transport in bulk according to

Not applicable.

Annex II of MARPOL 73/78 and

the IBC Code

# 15. Regulatory information

Canadian regulations

This product has been classified in accordance with the hazard criteria of the HPR and the SDS

contains all the information required by the HPR.

## **Controlled Drugs and Substances Act**

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

### **Greenhouse Gases**

Not listed.

## **Precursor Control Regulations**

Not regulated.

## International regulations

### **Stockholm Convention**

Not applicable.

### **Rotterdam Convention**

Not applicable.

## **Kyoto protocol**

Not applicable.

### **Montreal Protocol**

Not applicable.

## **Basel Convention**

FIBROUS GLASS (CAS 65997-17-3)

#### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No

Material name: EMPIRE DP SDS CANADA

Country(s) or region Inventory name On inventory (yes/no)\*

Philippines Philippine Inventory of Chemicals and Chemical Substances

(PICCS)

Taiwan Chemical Substance Inventory (TCSI)

United States & Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information

**Issue date** 01-21-2019

Version # 01

**Disclaimer** This information is based on our present knowledge on creation date. However, this shall not

constitute a guarantee for any specific product features and shall not establish a legally valid

contractual relationship.

Material name: EMPIRE DP SDS CANADA

Yes