Safety Data Sheet Firestone Building Products Company

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name • **AcryliTop™ PC-100 Coating White**

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

Relevant identified use(s) • Construction

1.3 Details of the supplier of the safety data sheet

Manufacturer • Firestone Building Products Company

200 4th Avenue S
Nashville, TN 37201-2208
United States

firestonemsds@bfdp.com

Telephone (General) • 800-428-4442

1.4 Emergency telephone number

Manufacturer • (800) 424-9300 - CHEMTREC

Manufacturer • (703) 527-3887 - CHEMTREC - International

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]
According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP • Hazardous to the aquatic environment Chronic 2 - H411

DSD/DPD • Dangerous to the Environment (N)

R51, R53

2.2 Label Elements

CLP

Hazard statements • H411 - Toxic to aquatic life with long lasting effects

Precautionary statements

Prevention • P273 - Avoid release to the environment.

Response • P391 - Collect spillage.

Storage/Disposal • P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD

Risk phrases • R51 - Toxic to aquatic organisms.
R53 - May cause long-term adverse effects in the aquatic environment.

Safety phrases • S57 - Use appropriate containment to avoid environmental contamination.

2.3 Other Hazards

CLP • According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

DSD/DPD • According to European Directive 1999/45/EC this material is considered dangerous.

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012 • Eye Irritation 2
Specific Target Organ Toxicity Single Exposure 1
Specific Target Organ Toxicity Repeated Exposure 1

2.2 Label elements

OSHA HCS 2012

DANGER

Hazard statements • Causes serious eye irritation
Causes damage to organs - Kidneys via Ingestion/Oral
Causes damage to organs - Kidneys through prolonged or repeated exposure via Ingestion/Oral

Precautionary statements

Prevention • Do not breathe mist/vapours/spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear eye/face protection , .

Response • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
Specific treatment, see supplemental first aid information.
IF exposed: Call POISON CENTER or doctor/physician.
Get medical advice/attention if you feel unwell.

Storage/Disposal • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

OSHA HCS 2012 • Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to: WHMIS

2.1 Classification of the substance or mixture

WHMIS • Other Toxic Effects - D2A

Other Toxic Effects - D2B

2.2 Label elements

WHMIS

- 

WHMIS

- Other Toxic Effects - D2A
  Other Toxic Effects - D2B

2.3 Other hazards

WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

3.2 Mixtures

Composition					
Chemical Name	**Identifiers**	**%**	**LD50/LC50**	**Classifications According to Regulation/Directive**	**Comments**
Aluminum hydroxide (Al(OH)3)	**CAS:**21645-51-2 **EC Number:**244-492-7	20% TO 40%	NDA	**EU DSD/DPD:** Not Classified **EU CLP:** Not Classified **OSHA HCS 2012:** Not Classified	NDA
Acrylic polymer blend	NDA	15% TO 30%	NDA	**EU DSD/DPD:** Not Classified **EU CLP:** Not Classified **OSHA HCS 2012:** Not Classified	NDA
Titanium dioxide	**CAS:**13463-67-7 **EC Number:**236-675-5	5% TO 10%	NDA	**EU DSD/DPD:** Self Classified: Mut. Cat. 3 Xn R68 Carc. Cat. 3 Xn R40 **EU CLP:** Self Classified: Muta. 2, H341; Carc. 2, H351; STOT RE 2, H373 **OSHA HCS 2012:** Muta. 2; Carc. 2; STOT RE 2 (Lungs)	NDA
Zinc oxide	**CAS:**1314-13-2 **EC Number:**215-222-5 **EU Index:**030-013-00-7	1% TO 5%	NDA	**EU DSD/DPD:** Annex VI, Table 3.2: N R50-53 **EU CLP:** Annex VI, Table 3.1: Aquatic Acute 1, H400; Aquatic Chronic 1, H410 **OSHA HCS 2012:** Eye Irrit. 2	NDA
Ethylene glycol	**CAS:**107-21-1 **EC Number:**203-473-3 **EU Index:**603-027-00-1	1% TO 5%	Ingestion/Oral-Rat LD50 • 4700 mg/kg Skin-Rabbit LD50 • 9530 µL/kg	**EU DSD/DPD:** Annex VI, Table 3.2: Xn R22 **EU CLP:** Annex VI, Table 3.1: Acute Tox. 4*, H302 **OSHA HCS 2012:** Eye Irrit. 2; STOT SE 1 (Kidney, Oral); STOT RE 1 (Kidney, Oral)	NDA

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial

respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin
- In case of contact with substance, immediately flush skin with running water for at least 20 minutes. If irritation develops and persists, get medical attention.

Eye
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion
- Get medical attention immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media
- Carbon dioxide, water, water fog, dry chemical, chemical foam.

Unsuitable Extinguishing Media
- No data available

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards
- Product is not considered flammable or combustible.

Hazardous Combustion Products
- Compounds of carbon, hydrogen, oxygen, aluminium and zinc, including carbon monoxide.

5.3 Advice for firefighters

- Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released.
  Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
  Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
  Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions
- Do not walk through spilled material. Use appropriate Personal Protective Equipment (PPE) Avoid breathing mist, vapours, spray. Avoid contact with skin and eyes.

Emergency Procedures
- Keep unauthorized personnel away. Stay upwind. Stop leak if you can do it without risk.

6.2 Environmental precautions

- Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures
- Stop leak if you can do it without risk.
  Contain and/or absorb spill with inert material (e.g. sand, vermiculite).

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal

Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling

- Use only with adequate ventilation. Wear appropriate personal protective equipment. Avoid breathing mist, vapours, spray. Avoid contact with skin and eyes. Do not ingest. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Keep container tightly closed. Store in a cool/low-temperature, well-ventilated place away from heat and ignition sources.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines						
	Result	**ACGIH**	**Australia**	**Belgium**	**Canada Alberta**	**Canada British Columbia**
Zinc oxide (1314-13-2)	STELs	10 mg/m3 STEL (respirable fraction)	10 mg/m3 STEL (fume)	10 mg/m3 STEL (fume)	10 mg/m3 STEL (respirable)	10 mg/m3 STEL (respirable)
	TWAs	2 mg/m3 TWA (respirable fraction)	10 mg/m3 TWA (containing no asbestos and <1% crystalline silica, inhalable dust); 5 mg/m3 TWA (fume)	10 mg/m3 TWA (dust); 5 mg/m3 TWA (fume)	2 mg/m3 TWA (respirable)	2 mg/m3 TWA (respirable)
Ethylene glycol (107-21-1)	STELs	Not established	40 ppm STEL (vapour); 104 mg/m3 STEL (vapour)	Not established	Not established	20 mg/m3 STEL (particulate)
	TWAs	Not established	10 mg/m3 TWA (particulate); 20 ppm TWA (vapour); 52 mg/m3 TWA (vapour)	Not established	Not established	10 mg/m3 TWA (particulate)
	Ceilings	100 mg/m3 Ceiling (aerosol only)	Not established	Not established	100 mg/m3 Ceiling	100 mg/m3 Ceiling (aerosol); 50 ppm Ceiling (vapour)
Titanium dioxide (13463-67-7)	TWAs	10 mg/m3 TWA	10 mg/m3 TWA (containing no asbestos and <1% crystalline silica, inhalable dust)	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA (total dust); 3 mg/m3 TWA (respirable fraction)
Aluminum hydroxide (Al(OH) 3)	TWAs	1 mg/m3 TWA (respirable fraction) *as Aluminum insoluble compounds*	Not established	Not established	Not established	1.0 mg/m3 TWA (respirable) *as Aluminum insoluble compounds*

Exposure Limits/Guidelines (Con't.)						
	Result	**Canada Manitoba**	**Canada New Brunswick**	**Canada Northwest Territories**	**Canada Nova Scotia**	**Canada Nunavut**

Zinc oxide (1314-13-2)	STELs	10 mg/m3 STEL (respirable fraction)	10 mg/m3 STEL (fume)	10 mg/m3 STEL (fume)	10 mg/m3 STEL (respirable fraction)	10 mg/m3 STEL (fume)
	TWAs	2 mg/m3 TWA (respirable fraction)	10 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, dust); 5 mg/m3 TWA (fume)	5 mg/m3 TWA (fume); 5 mg/m3 TWA (dust, respirable mass); 10 mg/m3 TWA (total mass, dust)	2 mg/m3 TWA (respirable fraction)	5 mg/m3 TWA (fume); 5 mg/m3 TWA (dust, respirable mass); 10 mg/m3 TWA (total mass, dust)
Ethylene glycol (107-21-1)	Ceilings	100 mg/m3 Ceiling (aerosol only)	100 mg/m3 Ceiling (aerosol)	50 ppm Ceiling (vapour); 127 mg/m3 Ceiling (vapour)	100 mg/m3 Ceiling (aerosol only)	50 ppm Ceiling (vapour); 127 mg/m3 Ceiling (vapour)
	STELs	Not established	Not established	20 mg/m3 STEL (particulate)	Not established	20 mg/m3 STEL (particulate)
	TWAs	Not established	Not established	10 ppm TWA (particulate)	Not established	10 mg/m3 TWA (particulate)
Titanium dioxide (13463-67-7)	TWAs	10 mg/m3 TWA	10 mg/m3 TWA	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)	10 mg/m3 TWA	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)
Aluminum hydroxide (Al(OH) 3)	TWAs	1 mg/m3 TWA (respirable fraction) *as Aluminum insoluble compounds*	Not established	Not established	1 mg/m3 TWA (respirable fraction) *as Aluminum insoluble compounds*	Not established

Exposure Limits/Guidelines (Con't.)

	Result	Canada Ontario	Canada Quebec	Canada Saskatchewan	Canada Yukon	China
Zinc oxide (1314-13-2)	STELs	10 mg/m3 STEL (respirable)	10 mg/m3 STEV (fume)	Not established	10 mg/m3 STEL (fume); 20 mg/m3 STEL (dust)	5 mg/m3 STEL
	TWAs	2 mg/m3 TWA (respirable)	10 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, total dust); 5 mg/m3 TWAEV (fume)	2 mg/m3 TWA (dust and fume, respirable fraction)	5 mg/m3 TWA (fume); 30 mppcf TWA (dust); 10 mg/m3 TWA (dust)	3 mg/m3 TWA
Ethylene glycol (107-21-1)	STELs	Not established	Not established	Not established	10 ppm STEL (particulate); 20 mg/m3 STEL (particulate); 125 ppm STEL (vapour); 325 mg/m3 STEL (vapour)	40 mg/m3 STEL
	TWAs	Not established	Not established	Not established	10 mg/m3 TWA (particulate); 100 ppm TWA (vapour); 250 mg/m3 TWA (vapour)	20 mg/m3 TWA
	Ceilings	100 mg/m3 Ceiling (aerosol only)	50 ppm Ceiling (mist and vapour); 127 mg/m3 Ceiling (mist and vapour)	Not established	Not established	Not established
	STELs	Not established	Not established	Not established	20 mg/m3 STEL (as Ti)	16 mg/m3 STEL (total dust)

Titanium dioxide (13463-67-7)	TWAs	10 mg/m3 TWA	10 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, total dust)	10 mg/m3 TWA	30 mppcf TWA (as Ti); 10 mg/m3 TWA (as Ti)	8 mg/m3 TWA (total dust)
Aluminum hydroxide (Al(OH)3)	TWAs	1 mg/m3 TWA (respirable) *as Aluminum insoluble compounds*	Not established	Not established	Not established	Not established

Exposure Limits/Guidelines (Con't.)

	Result	Cyprus	Denmark	Germany DFG	Germany TRGS	NIOSH
Zinc oxide (1314-13-2)	TWAs	Not established	4 mg/m3 TWA (including vapour, as Zn)	Not established	Not established	5 mg/m3 TWA (dust and fume)
	Ceilings	Not established	Not established	1 mg/m3 Peak (respirable fraction, fume)	Not established	15 mg/m3 Ceiling (dust)
	STELs	Not established	Not established	Not established	Not established	10 mg/m3 STEL (fume)
	MAKs	Not established	Not established	1 mg/m3 TWA MAK (fume, respirable fraction)	Not established	Not established
Ethylene glycol (107-21-1)	TWAs	20 ppm TWA; 52 mg/m3 TWA	10 ppm TWA; 26 mg/m3 TWA; 10 mg/m3 TWA (vapor)	Not established	10 ppm TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2); 26 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2)	Not established
	STELs	40 ppm STEL; 104 mg/m3 STEL	Not established	Not established	Not established	Not established
	Ceilings	Not established	Not established	20 ppm Peak; 52 mg/m3 Peak	Not established	Not established
	MAKs	Not established	Not established	10 ppm TWA MAK; 26 mg/m3 TWA MAK	Not established	Not established
Titanium dioxide (13463-67-7)	TWAs	Not established	6 mg/m3 TWA (as Ti)	Not established	Not established	Not established
Aluminum hydroxide (Al(OH)3) (21645-51-2)	MAKs	Not established	Not established	4 mg/m3 TWA MAK (dust, inhalable fraction); 1.5 mg/m3 TWA MAK (dust, respirable fraction)	Not established	Not established

Exposure Limits/Guidelines (Con't.)

	Result	OSHA

Zinc oxide (1314-13-2)	TWAs	5 mg/m3 TWA (fume); 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Titanium dioxide (13463-67-7)	TWAs	15 mg/m3 TWA (total dust)

Exposure Control Notations

Cyprus

•Ethylene glycol (107-21-1): **Skin:** (Skin-potential for cutaneous absorption)

Germany TRGS

•Ethylene glycol (107-21-1): **Skin:** (skin notation)

Germany DFG

•Aluminum hydroxide (Al(OH)3) (21645-51-2): **Pregnancy:** (classification not yet possible (respirable, inhalable, dust))

•Ethylene glycol (107-21-1): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) | **Skin:** (skin notation)

•Titanium dioxide (13463-67-7): **Carcinogens:** (Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra small particles))

8.2 Exposure controls

Engineering Measures/Controls

- This material is designed to be used outdoors, in roofing applications. Good general ventilation 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.

Personal Protective Equipment

Respiratory

- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear protective eyewear (goggles, face shield, or safety glasses).

Skin/Body

- Wear appropriate gloves.

Environmental Exposure Controls

- In case of spills, keep product clear of sewers, waterways or land areas. Dispose of waste product in accordance with national and local laws and regulations.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

STEL = Short Term Exposure Limits are based on 15-minute exposures

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Creamy, white liquid with a paint-like odor.
Color	White	Odor	Paint-like
Odor Threshold	Data lacking		
General Properties			
Boiling Point	212 °F(100 °C)	Melting Point/Freezing Point	Data lacking
Decomposition Temperature	Data lacking	pH	8 to 9
Specific Gravity/Relative Density	= 1.13 Water=1	Water Solubility	Dispersible
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			

Vapor Pressure	760 mmHg (torr)	Vapor Density	> 1 Air=1
Evaporation Rate	Data lacking	Volatiles (Vol.)	Data lacking
Flammability			
Flash Point	> 212 °F(> 100 °C)	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Not relevant.		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Extreme temperatures.

10.5 Incompatible materials

- Strong acids. Strong oxidizing substances.

10.6 Hazardous decomposition products

- Decomposition will not occur if handled and stored properly. In case of a fire, oxides of carbon, hydrocarbons, aluminum, and zinc fumes and smoke may be produced.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Components		
Aluminum hydroxide (Al(OH)3) (20% TO 40%)	21645-51-2	**Multi-dose Toxicity:** Ingestion/Oral-Woman TDLo • 73912.5 mg/kg 26 Week(s)-Intermittent; *Blood*:**Changes in serum composition (e.g., TP, bilirubin cholesterol)**; *Musculoskeletal*:**Osteoporosis**; *Nutritional and Gross Metabolic:Changes in Chemistry or Temperature*:**P**; **Reproductive:** Ingestion/Oral-Woman TDLo • 84 g/kg (1-40W preg); *Reproductive Effects:Effects on Newborn*:**Physical**
		Acute Toxicity: Ingestion/Oral-Rat LD50 • 4700 mg/kg; Ingestion/Oral-Man TDLo • 15 g/kg; *Peripheral Nerve and Sensation*:**Sensory change involving peripheral nerve**; *Gastrointestinal*:**Ulceration or bleeding from small intestine**; *Kidney, Ureter, and Bladder*:**Renal function tests depressed**; Ingestion/Oral-Man TDLo • 1195 mg/kg; *Peripheral Nerve and Sensation*:**Sensory change involving peripheral nerve**; *Kidney, Ureter, and Bladder*:**Renal function tests depressed**; Ingestion/Oral-Man TDLo • 24 g/kg; *Brain and Coverings*:**Other degenerative changes**; *Behavioral*:**Ataxia**; *Behavioral*:**Coma**; Ingestion/Oral-Rat TDLo • 120 mg/kg; *Blood*:**Changes in bone marrow not included above**; Inhalation-Human TCLo • 22 mg/m³; *Kidney, Ureter, and Bladder*:**Proteinuria**; Inhalation-Rat TCLo • 0.004 g/m³ 2 Hour(s); *Behavioral*:**Muscle contraction or spasticity**; *Lungs, Thorax, or Respiration*:**Respiratory stimulation**; *Gastrointestinal*:**Hypermotility, diarrhea**; Skin-Rabbit LD50 • 9530 µL/kg; **Irritation:** Eye-Rabbit • 100 mg 1 Hour(s) • Mild irritation; Skin-Rabbit • 555 mg-Open • Mild irritation; **Multi-dose Toxicity:** Inhalation-Guinea Pig TCLo • 0.003 g/m³ 45 Day(s)-Intermittent; *Behavioral*:**Excitement**; *Liver*:**Liver function tests impaired**; Inhalation-Rat TCLo • 1 mg/m³ 32 Week(s)-Intermittent; *Lungs, Thorax, or Respiration*:**Other**

Ethylene glycol (1% TO 5%)	107-21-1	**changes**; *Liver*:**Liver function tests impaired**; *Kidney, Ureter, and Bladder*:**Changes in tubules (including acute renal failure, acute tubular necrosis)**; Inhalation-Rat TCLo • 0.003 g/m³ 228 Day(s)-Intermittent; *Brain and Coverings*:**Other degenerative changes**; *Vascular*:**Structural changes in vessels**; *Lungs, Thorax, or Respiration*:**Emphysema**; Inhalation-Rat TCLo • 0.02 g/m³ 153 Day(s)-Intermittent; *Lungs, Thorax, or Respiration*:**Emphysema**; *Kidney, Ureter, and Bladder*:**Changes in tubules (including acute renal failure, acute tubular necrosis)**; *Blood*:**Changes in spleen**; **Mutagen:** Cytogenetic analysis • Ingestion/Oral-Rat • 1200 mg/kg; **Reproductive:** Ingestion/Oral-Mouse TDLo • 850 mg/kg (multigenerations); *Reproductive Effects:Specific Developmental Abnormalities*:**Urogenital system**; Inhalation-Mouse TCLo • 1000 mg/m³ 6 Hour(s)(6-15D preg); *Reproductive Effects:Effects on Fertility*:**Post-implantation mortality**; *Reproductive Effects:Effects on Embryo or Fetus*:**Fetotoxicity (except death, e.g., stunted fetus)**; *Reproductive Effects:Effects on Newborn*:**Sex ratio**; Inhalation-Mouse TCLo • 2100 mg/m³ 6 Hour(s)(6-15D preg); *Reproductive Effects:Maternal Effects*:**Other effects**; *Reproductive Effects:Effects on Fertility*:**Pre-implantation mortality**; *Reproductive Effects:Effects on Fertility*:**Post-implantation mortality**; Inhalation-Rat TCLo • 2500 mg/m³ 6 Hour(s)(6-15D preg); *Reproductive Effects:Maternal Effects*:**Other effects**; *Reproductive Effects:Specific Developmental Abnormalities*:**Musculoskeletal system**; *Reproductive Effects:Specific Developmental Abnormalities*:**Other developmental abnormalities**
Titanium dioxide (5% TO 10%)	13463-67-7	**Irritation:** Skin-Human • 300 µg 3 Day(s)-Intermittent • Mild irritation; **Multi-dose Toxicity:** Inhalation-Rat TCLo • 250 mg/m³ 6 Hour(s) 4 Week(s)-Intermittent; *Lungs, Thorax, or Respiration*:**Chronic pulmonary edema**; *Lungs, Thorax, or Respiration*:**Other changes**; Inhalation-Rat TCLo • 10 mg/m³ 6 Hour(s) 13 Week(s)-Intermittent; *Lungs, Thorax, or Respiration*:**Fibrosis (interstitial)**; *Lungs, Thorax, or Respiration*:**Other changes**; *Biochemical:Metabolism (intermediary)*:**Effect on inflammation or mediation of inflammation**; **Mutagen:** Micronucleus test • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent; DNA damage • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent; Cytogenetic analysis • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent; **Tumorigen / Carcinogen:** Inhalation-Rat • 10 mg/m³ 18 Hour(s) 2 Year(s)-Intermittent; *Tumorigenic*:**Carcinogenic by RTECS criteria**; *Lungs, Thorax, or Respiration*:**Tumors**; Inhalation-Rat TCLo • 250 mg/m³ 6 Hour(s) 2 Year(s)-Intermittent; *Tumorigenic*:**Carcinogenic by RTECS criteria**; *Lungs, Thorax, or Respiration*:**Tumors**
Zinc oxide (1% TO 5%)	1314-13-2	**Acute Toxicity:** Inhalation-Mouse LC50 • 2500 mg/m³; **Irritation:** Eye-Rabbit • 500 mg 24 Hour(s) • Mild irritation; Skin-Rabbit • 500 mg 24 Hour(s) • Mild irritation; **Reproductive:** Ingestion/Oral-Rat TDLo • 6846 mg/kg (1-22D preg); *Reproductive Effects:Specific Developmental Abnormalities*:**Homeostasis**; *Reproductive Effects:Effects on Newborn*:**Stillbirth**; *Reproductive Effects:Effects on Newborn*:**Growth statistics (e.g., reduced weight gain)**

GHS Properties	Classification
Acute toxicity	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking
Skin corrosion/Irritation	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking
Serious eye damage/Irritation	**EU/CLP** • Data lacking **OSHA HCS 2012** • Eye Irritation 2
Skin sensitization	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking
Respiratory sensitization	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking
Aspiration Hazard	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking
Carcinogenicity	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking
Germ Cell Mutagenicity	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking
Toxicity for Reproduction	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking

STOT-SE	**EU/CLP** • Data lacking **OSHA HCS 2012** • Specific Target Organ Toxicity Single Exposure 1
STOT-RE	**EU/CLP** • Data lacking **OSHA HCS 2012** • Specific Target Organ Toxicity Repeated Exposure 1

Potential Health Effects

Inhalation

Acute (Immediate)
- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)
- No data available

Skin

Acute (Immediate)
- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)
- Prolonged or repeated skin contact may cause irritation.

Eye

Acute (Immediate)
- Causes serious eye irritation.

Chronic (Delayed)
- No data available

Ingestion

Acute (Immediate)
- May affect the kidney. Symptoms may include but are not limited to fatigue, confusion, nausea, vomiting, shortness of breath, seizures, or a dramatic decrease in urine output and in some cases blood in the urine.

Chronic (Delayed)
- Repeated and prolonged exposure may affect the kidneys. Symptoms may include but are not limited to weight loss, nausea, swelling of the arms and legs, vomiting, fatigue, headaches, decreased urine or urine that is mostly water, decreased mental sharpness, and muscle cramps and shakes.

Carcinogenic Effects
- Although this material contains titanium dioxide, which may be a carciongen, due to the physical form of this material, it is unlikely that exposure to titanium dioxide will occur while using this material under normal conditions.

Carcinogenic Effects			
	CAS	**IARC**	**NTP**
Ethylene glycol	107-21-1	Not Listed	Evidence of Carcinogenicity
Titanium dioxide	13463-67-7	Group 2B-Possible Carcinogen	Evidence of Carcinogenicity

Section 12 - Ecological Information

12.1 Toxicity

	CAS	
AcryliTop™ PC-100 Coating White	NDA	**Aquatic Toxicity-Crustacea:** 48 Hour(s) EC50 Water Flea *Daphnia Magna* 1 mg/L Comments: Zinc Oxide 48 Hour(s) NOEC Water Flea *Daphnia Magna* 0.4 mg/L Comments: Zinc Oxide

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- Toxic to aquatic life with long lasting effects.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA
TDG	NDA	Not Regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
ADN	NDA	Not Regulated	NDA	NDA	NDA
ADR/RID	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

14.6 Special precautions for user
- None specified.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
- Data lacking.

Section 15 - Regulatory Information

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

SARA Hazard Classifications
- Acute, Chronic

State Right To Know				
Component	**CAS**	**MA**	**NJ**	**PA**
Aluminum hydroxide (Al(OH)3)	21645-51-2	No	No	No
Titanium dioxide	13463-67-7	Yes	Yes	Yes
Water	7732-18-5	No	No	No
Zinc oxide	1314-13-2	Yes	Yes	Yes

Inventory						
Component	**CAS**	**Canada DSL**	**Canada NDSL**	**China**	**EU EINECS**	**EU ELNICS**
Aluminum hydroxide (Al(OH)3)	21645-51-2	Yes	No	Yes	Yes	No
Titanium dioxide	13463-67-7	Yes	No	Yes	Yes	No

Water	7732-18-5	Yes	No	Yes	Yes	No
Zinc oxide	1314-13-2	Yes	No	Yes	Yes	No

Inventory (Con't.)				
Component	**CAS**	**Japan ENCS**	**Korea KECL**	**TSCA**
Aluminum hydroxide (Al(OH)3)	21645-51-2	Yes	Yes	Yes
Titanium dioxide	13463-67-7	Yes	Yes	Yes
Water	7732-18-5	No	Yes	Yes
Zinc oxide	1314-13-2	Yes	Yes	Yes

Australia

Labor

Australia - Work Health and Safety Regulations - Hazardous Substances Requiring Health Monitoring

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Australia - High Volume Industrial Chemicals List

• Aluminum hydroxide (Al(OH)3)	21645-51-2	
• Titanium dioxide	13463-67-7	
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	

Australia - List of Designated Hazardous Substances - Classification

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Self classification required (dust and fume); N R50, R53
• Water	7732-18-5	Not Listed

Environment

Australia - National Pollutant Inventory (NPI) Substance List

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Australia - Ozone Protection Act - Scheduled Substances

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Australia - Priority Existing Chemical Program

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Belgium

Labor

Belgium - Substances and Preparations - Carcinogens and Mutagens

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Bulgaria

Environment

Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - 24 Hour

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - 30 Minute

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - Annual

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Uncontrolled product according to WHMIS classification criteria
• Titanium dioxide	13463-67-7	D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Titanium dioxide, mixture containing on Health Canada's WHMIS Division website.)
• Zinc oxide	1314-13-2	Uncontrolled product according to WHMIS classification criteria
• Water	7732-18-5	Uncontrolled product according to WHMIS classification criteria

Canada - WHMIS - Ingredient Disclosure List

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	1 %
• Water	7732-18-5	Not Listed

Environment

Canada - CEPA - Priority Substances List

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

China

Other

China - Annex I & II - Controlled Chemicals Lists

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Denmark

Environment

Denmark - List of Undesirable Substances - Product Groups/Function

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Europe

Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	N; R50-53
• Water	7732-18-5	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	N R:50/53 S:60-61
• Water	7732-18-5	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	S:60-61
• Water	7732-18-5	Not Listed

Germany

Labor

Germany - Immission Control - Qualifying Quantities for Major Accident Prevention

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Germany - Immission Control - Qualifying Quantities for Safety Reporting

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Germany - TRGS 505 - Specific Lead Regulations

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Germany - TRGS 511 - Specific Ammonium Nitrate Regulations

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Environment

Germany - TA Luft - Types and Classes

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Germany - TA Luft - Emission Limits for Carcinogenic Substances

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Germany - TA Luft - Emission Limits for Fibers

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Germany - TA Luft - Emission Limits for Inorganic Dusts

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Germany - TA Luft - Emission Limits for Inorganic Gases

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed

• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Germany - TA Luft - Emission Limits for Organic Substances

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Germany - Water Classification (VwVwS) - Annex 1

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	ID Number 1345, not considered hazardous to water
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Germany - Water Classification (VwVwS) - Annex 3

• Aluminum hydroxide (Al(OH)3)	21645-51-2	ID Number 5220, not considered hazardous to water
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	ID Number 2187, hazard class 2 - hazard to waters
• Water	7732-18-5	Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	carcinogen, initial date 9/2/11 (airborne, unbound particles of respirable size)
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed

• Water	7732-18-5	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	(fume)
• Water	7732-18-5	Not Listed

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• Aluminum hydroxide (Al(OH)3)	21645-51-2	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Zinc oxide	1314-13-2	Not Listed
• Water	7732-18-5	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

15.3 Other Information

- WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16 - Other Information

Relevant Phrases (code & full text)

- H302 - Harmful if swallowed
  H341 - Suspected of causing genetic defects.
  H351 - Suspected of causing cancer.
  H373 - May cause damage to organs through prolonged or repeated exposure.
  H400 - Very toxic to aquatic life
  H410 - Very toxic to aquatic life with long lasting effects
  R22 - Harmful if swallowed.
  R40 - Limited evidence of a carcinogenic effect.
  R50 - Very toxic to aquatic organisms.
  R68 - Possible risk of irreversible effects.

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Other Information	• Changes to this revision: Updated mailing address.
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Key to abbreviations

NDA = No data available