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 • **AC Fast FR**

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

Relevant identified use(s) • Roof Coating

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 2015/830]

2.1 Classification of the substance or mixture

CLP • Flammable Liquids 2 - H225
Skin Irritation 2 - H315
Skin Sensitization 1 - H317
Eye Irritation 2 - H319
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation - H335

2.2 Label Elements

CLP

DANGER

Hazard statements • H225 - Highly flammable liquid and vapour
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation

Precautionary statements

Prevention • P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 - Keep container tightly closed.
P240 - Ground and/or bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting/equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P261 - Avoid breathing mist, vapours and/or spray.
P264 - Wash thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response •
P370+P378 - In case of fire: Use appropriate media for extinction.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 - Call a POISON CENTER/doctor if you feel unwell.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P321 - Specific treatment, see supplemental first aid information.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

Storage/Disposal •
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P235 - Keep cool.
P405 - Store locked up.
P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other Hazards

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

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012 •
Flammable Liquids 2
Skin Irritation 2
Skin Sensitization 1
Eye Irritation 2
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation

2.2 Label elements

OSHA HCS 2012

DANGER

Hazard statements •
Highly flammable liquid and vapour
Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation
May cause respiratory irritation

Precautionary statements

Prevention •
Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
Keep container tightly closed.
Ground and/or bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing mist, vapours, and/or spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

Response • In case of fire: Use appropriate media for extinction.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor if you feel unwell.
If on skin: Wash with plenty of water.
Take off contaminated clothing and wash before reuse.
Specific treatment, see supplemental first aid information.
If skin irritation or rash occurs: Get medical advice/attention.
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.

Storage/Disposal • Store in a well-ventilated place. Keep container tightly closed.
Keep cool.
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 2015

2.1 Classification of the substance or mixture

WHMIS 2015 • Flammable Liquids 2
Skin Irritation 2
Skin Sensitization 1
Eye Irritation 2
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation

2.2 Label elements

WHMIS 2015

DANGER

Hazard statements • Highly flammable liquid and vapour
Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation
May cause respiratory irritation

Precautionary statements

Prevention • Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof electical/ventilating/lighting/ equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Avoid breathing mist, vapours, and/or spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.

Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

Response • In case of fire: Use appropriate media for extinction.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor if you feel unwell.
IF ON SKIN: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
Specific treatment, see supplemental first aid information.
If skin irritation or rash occurs: Get medical advice/attention.
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.

Storage/Disposal • Store in a well-ventilated place. Keep container tightly closed.
Keep cool.
Store locked up.
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

WHMIS 2015 • 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.

3.2 Mixtures

Composition					
Chemical Name	**Identifiers**	**%**	**LD50/LC50**	**Classifications According to Regulation/Directive**	**Comments**
methyl methacrylate	**CAS:**80-62-6 **EC Number:**201-297-1 **EU Index:**607-035-00-6	10% TO 30%	Ingestion/Oral-Rat LD50 • 7872 mg/kg Inhalation-Rat LC50 • 78000 mg/m³ 4 Hour(s) Skin-Rabbit LD50 • >5 g/kg	**EU CLP:** Annex VI, Table 3.1: Flam. Liq. 2, H225; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3: Resp. Irrit., H335 **OSHA HCS 2012:** Flam. Liq. 2; Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1; Muta. 2 (Inhl); Repr. 1B (Inhl); STOT SE 3: Narc.; STOT SE 3: Resp. Irrit. (Inhl); STOT RE 2 (Lung / Inhl) **WHMIS 2015:** Flam. Liq. 2; Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1; Muta. 2 (Inhl); Repr. 1B (Inhl); STOT SE 3: Narc.; STOT SE 3: Resp. Irrit. (Inhl); STOT RE 2 (Lung / Inhl)	NDA
2-ethylhexyl acrylate	**CAS:**103-11-7 **EC Number:**203-080-7 **EU Index:**607-107-00-7	10% TO 30%	Ingestion/Oral-Rat LD50 • 6500 µL/kg Skin-Rabbit LD50 • 8480 µL/kg	**EU CLP:** Annex VI, Table 3.1: STOT SE 3: Resp. Irrit., H335; Skin Irrit. 2, H315; Skin Sens. 1, H317 **OSHA HCS 2012:** Flam. Liq. 4; Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1; STOT SE 3: Resp. Irrit. **WHMIS 2015:** Flam. Liq. 4; Skin Irrit. 2; Eye Irrit. 2; Skin Sens. 1; STOT SE 3: Resp. Irrit.	NDA
Titanium Dioxide	**CAS:**13463-67-7 **EC Number:**236-675-5	10% TO 13%	NDA	**EU CLP:** Muta. 2, H341; Carc. 2 (Inhl), H351; STOT RE 2 (Lungs/Inhl), H373 **OSHA HCS 2012:** Muta. 2; Carc. 2 (Inhl); STOT RE 2 (Lungs/Inhl) **WHMIS 2015:** Muta. 2; Carc. 2 (Inhl); STOT RE 2 (Lungs/Inhl)	NDA

Diethylene glycol butyl ether methacrylate	**CAS:**7328-22-5 **EINECS:**230-813-8	10% TO 13%	NDA	**EU CLP:** Not Classified **OSHA HCS 2012:** Not Classified **WHMIS 2015:** Not Classified	NDA

Specific chemical identities and/or percentages of composition are being withheld as trade secrets.

See Section 16 for full text of H-statements.

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. Remove and isolate contaminated clothing. If skin irritation occurs: Get medical advice/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
- Do NOT induce vomiting. Get medical attention immediately.

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
- CO2, sand, extinguishing powder.

Unsuitable Extinguishing Media
- Do not use a direct stream of water.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards
- Containers may explode when heated.
  Vapor explosion hazard indoors, outdoors or in sewers.
  HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames.
  Many liquids are lighter than water.
  Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
  Runoff to sewer may create fire or explosion hazard.
  Vapors may form explosive mixtures with air.
  Vapors may travel to source of ignition and flash back.

Hazardous Combustion Products
- No data available

5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection.
  Wear positive pressure self-contained breathing apparatus (SCBA).
  Move containers from fire area if you can do it without risk.
  LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Ventilate enclosed areas. Do not walk through spilled material. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures

- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions. LARGE SPILL: Consider initial downwind evacuation for at least 300 meters (1000 feet) ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unauthorized personnel away. Stay upwind. Keep out of low areas.

6.2 Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Stop leak if you can do it without risk.
  Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
  Use clean non-sparking tools to collect absorbed material.
  A vapor suppressing foam may be used to reduce vapors.
  All equipment used when handling the product must be grounded.
  LARGE SPILLS: Dike far ahead of liquid spill for later disposal.
  LARGE SPILLS: Water spray may reduce vapor; but may not prevent ignition in closed spaces.

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 in well ventilated areas. Keep away from heat, sparks, and flame. All equipment used when handling the product must be grounded. Bond and ground all transfer containers and equipment. Take precautionary measures against static charges. Do not use sparking tools. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing mist, vapours, spray. Avoid contact with skin, eyes, and clothing. 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, dry, well-ventilated place.

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**	**Belgium**	**Canada Alberta**	**Canada British Columbia**	**Canada Manitoba**
methyl	STELs	100 ppm STEL	100 ppm STEL; 416 mg/m3 STEL	100 ppm STEL; 410 mg/m3 STEL	100 ppm STEL	100 ppm STEL

methacrylate (80-62-6)	TWAs	50 ppm TWA	50 ppm TWA; 208 mg/m3 TWA	50 ppm TWA; 205 mg/m3 TWA	50 ppm TWA	50 ppm TWA
Titanium Dioxide (13463-67-7)	TWAs	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA (total dust); 3 mg/m3 TWA (respirable fraction)	10 mg/m3 TWA

Exposure Limits/Guidelines (Con't.)

	Result	Canada New Brunswick	Canada Northwest Territories	Canada Nova Scotia	Canada Nunavut	Canada Ontario
methyl methacrylate (80-62-6)	TWAs	100 ppm TWA; 410 mg/m3 TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA
	STELs	Not established	100 ppm STEL	100 ppm STEL	100 ppm STEL	100 ppm STEL
Titanium Dioxide (13463-67-7)	TWAs	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA
	STELs	Not established	20 mg/m3 STEL	Not established	20 mg/m3 STEL	Not established

Exposure Limits/Guidelines (Con't.)

	Result	Canada Quebec	Canada Saskatchewan	Canada Yukon	Cyprus	Denmark
methyl methacrylate (80-62-6)	TWAs	50 ppm TWAEV; 205 mg/m3 TWAEV	50 ppm TWA	100 ppm TWA; 410 mg/m3 TWA	50 ppm TWA	25 ppm TWA; 102 mg/m3 TWA
	STELs	Not established	Not established	125 ppm STEL; 510 mg/m3 STEL	100 ppm STEL	Not established
Titanium Dioxide (13463-67-7)	TWAs	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)	Not established	6 mg/m3 TWA (as Ti)
	STELs	Not established	Not established	20 mg/m3 STEL (as Ti)	Not established	Not established

Exposure Limits/Guidelines (Con't.)

	Result	Germany DFG	Germany TRGS	NIOSH	OSHA
methyl methacrylate (80-62-6)	TWAs	Not established	50 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); 210 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)	100 ppm TWA; 410 mg/m3 TWA	100 ppm TWA; 410 mg/m3 TWA
	Ceilings	100 ppm Peak; 420 mg/m3 Peak	Not established	Not established	Not established
	MAKs	50 ppm TWA MAK; 210 mg/m3 TWA MAK	Not established	Not established	Not established
Titanium Dioxide (13463-67-7)	TWAs	Not established	Not established	Not established	15 mg/m3 TWA (total dust)
			5 ppm TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are		

2-ethylhexyl acrylate (103-11-7)	TWAs	Not established	observed; sum of vapor and aerosol, exposure factor 1); 38 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed; sum of vapor and aerosol, exposure factor 1)	Not established	Not established
	Ceilings	5 ppm Peak (can occur as vapor and aerosol at the same time); 38 mg/m3 Peak (can occur as vapor and aerosol at the same time)	Not established	Not established	Not established
	MAKs	5 ppm TWA MAK (can occur as vapor and aerosol at the same time); 38 mg/m3 TWA MAK (can occur as vapor and aerosol at the same time)	Not established	Not established	Not established

Exposure Control Notations

ACGIH

- methyl methacrylate (80-62-6): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen) | **Sensitizers:** (dermal sensitizer)
- Titanium Dioxide (13463-67-7): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)

Germany DFG

- methyl methacrylate (80-62-6): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) | **Sensitizers:** (skin sensitizer)
- 2-ethylhexyl acrylate (103-11-7): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) | **Sensitizers:** (skin sensitizer)
- Titanium Dioxide (13463-67-7): **Carcinogens:** (Category 3A (could be carcinogenic for man; inhalable fraction with the exception of ultra small particles))

Exposure Limits Supplemental

ACGIH

- methyl methacrylate (80-62-6): **TLV Basis - Critical Effects:** (body weight effects; eye and upper respiratory tract irritation; pulmonary edema)
- Titanium Dioxide (13463-67-7): **TLV Basis - Critical Effects:** (lower respiratory tract irritation)

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. Use explosion-proof electrical/ventilating/lighting/equipment.

Personal Protective Equipment

Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment.

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

TLV = Threshold Limit Value determined by the American Conference of Governmental Industrial Hygienists (ACGIH)

NIOSH = National Institute of Occupational Safety and Health
OSHA = Occupational Safety and Health Administration
TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures
TWAEV = Time-Weighted Average Exposure Value

Section 9 - Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Liquid with characteristic odor. Color according to product specification.
Color	According to product specification.	Odor	Characteristic
Odor Threshold	Data lacking		
General Properties			
Boiling Point	101 °C(213.8 °F)	Melting Point/Freezing Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	Data lacking	Density	Data lacking
Water Solubility	Negligible < 0.1 %	Viscosity	10338 Centipoise (cPs, cP) or mPas @ 20 °C(68 °F)
Explosive Properties	Data lacking	Oxidizing Properties:	Data lacking
Volatility			
Vapor Pressure	47 hPa @ 20 °C(68 °F)	Vapor Density	Data lacking
Evaporation Rate	Data lacking	VOC (Wt.)	1.6 %
VOC (Vol.)	1.6 %		
Flammability			
Flash Point	10 °C(50 °F)	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		
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 under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Keep away from heat, sparks, and flame.

10.5 Incompatible materials

- No data available

10.6 Hazardous decomposition products

- None known.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Components		
methyl methacrylate (10% TO 30%)	80-62-6	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • 7872 mg/kg; *Behavioral*:**Muscle weakness**; *Behavioral*:**Coma**; *Lungs, Thorax, or Respiration*:**Respiratory depression**; Inhalation-Rat LC50 • 78000 mg/m³ 4 Hour(s); Inhalation-Human TCLo • 60 mg/m³; *Behavioral*:**Sleep**; *Behavioral*:**Excitement**; *Vascular*:**BP lowering not characterized in autonomic section**; Skin-Rabbit LD50 • >5 g/kg; *Skin and Appendages:After systemic exposure*:**Dermatitis, other**; **Irritation:** Eye-Rabbit • 150 mg; Skin-Rabbit • 10 g-Open; **Multi-dose Toxicity:** Inhalation-Rat TCLo • 115 mg/m³ 3 Hour(s) 17 Week(s)-Intermittent; *Cardiac*:**EKG changes not diagnostic of above**; *Blood*:**Other changes**; Inhalation-Rat TCLo • 500 ppm 6 Hour(s) 2 Year(s)-Intermittent; *Sense Organs and Special Senses:Olfaction*:**Other changes**; *Lungs, Thorax, or Respiration*:**Fibrosis, focal (pneumoconiosis)**; **Mutagen:** Cytogenetic analysis • Inhalation-Rat • 4 mg/m³ 16 Week(s); **Reproductive:** Inhalation-Rat TCLo • 500 mg/m³ (122D pre); *Reproductive Effects:Specific Developmental Abnormalities*:**Other developmental abnormalities**; Inhalation-Rat TCLo • 54 mg/m³ 24 Hour(s)(8W pre); *Reproductive Effects:Maternal Effects*:**Menstrual cycle changes or disorders**; Inhalation-Woman TCLo • 10 mg/m³ (9Y preg); *Reproductive Effects:Maternal Effects*:**Other effects**; *Reproductive Effects:Effects on Embryo or Fetus*:**Extra embryonic structures**; *Reproductive Effects:Effects on Newborn*:**Delayed effects**
2-ethylhexyl acrylate (10% TO 30%)	103-11-7	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • 6700 mg/kg; Skin-Rabbit LD50 • 8480 µL/kg; **Irritation:** Eye-Rabbit • 5 mg • Severe irritation; Skin-Rabbit • 10 mg 24 Hour(s)-Open • Severe irritation; **Multi-dose Toxicity:** Ingestion/Oral-Rat TDLo • 900 mg/kg 60 Day(s)-Intermittent; *Behavioral*:**Changes in psychophysiological tests**; *Blood*:**Changes in serum composition (e.g., TP, bilirubin cholesterol)**; *Biochemical:Enzyme inhibition, induction, or change in blood or tissue levels*:**True cholinesterase**; **Tumorigen / Carcinogen:** Skin-Mouse TDLo • 187 g/kg 78 Week(s)-Intermittent; *Tumorigenic*:**Carcinogenic by RTECS criteria**; *Skin and Appendages:Other*:**Tumors**; *Tumorigenic*:**Tumors at site of application**
Titanium Dioxide (10% TO 13%)	13463-67-7	**Irritation:** Skin-Human • 300 µg 3 Day(s)-Intermittent • Mild irritation; **Multi-dose Toxicity:** 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**; 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**; **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**

GHS Properties	Classification
Acute toxicity	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking **WHMIS 2015** • Data lacking
Skin corrosion/Irritation	**EU/CLP** • Skin Irritation 2 **OSHA HCS 2012** • Skin Irritation 2 **WHMIS 2015** • Skin Irritation 2
Serious eye damage/Irritation	**EU/CLP** • Eye Irritation 2 **OSHA HCS 2012** • Eye Irritation 2 **WHMIS 2015** • Eye Irritation 2
Skin sensitization	**EU/CLP** • Skin Sensitizer 1 **OSHA HCS 2012** • Skin Sensitizer 1 **WHMIS 2015** • Skin Sensitizer 1

Respiratory sensitization	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking **WHMIS 2015** • Data lacking
Aspiration Hazard	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking **WHMIS 2015** • Data lacking
Carcinogenicity	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking **WHMIS 2015** • Data lacking
Germ Cell Mutagenicity	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking **WHMIS 2015** • Data lacking
Toxicity for Reproduction	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking **WHMIS 2015** • Data lacking
STOT-SE	**EU/CLP** • Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation **OSHA HCS 2012** • Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation **WHMIS 2015** • Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
STOT-RE	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking **WHMIS 2015** • Data lacking

Potential Health Effects

Inhalation

Acute (Immediate) • May cause respiratory irritation.

Chronic (Delayed) • No data available

Skin

Acute (Immediate) • Causes skin irritation. May cause skin sensitization. Symptoms include redness, and skin rash.

Chronic (Delayed) • No data available

Eye

Acute (Immediate) • Causes serious eye irritation.

Chronic (Delayed) • No data available

Ingestion

Acute (Immediate) • No data available

Chronic (Delayed) • No data available

Key to abbreviations

LC = Lethal Concentration
LD = Lethal Dose
TD = Toxic Dose
TC = Toxic Concentration

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

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

- PBT and vPvB assessment has not been carried out.

12.6 Other adverse effects

- No studies have been found.

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	UN1993	Flammable liquids, n.o.s. (Methyl methacrylate monomer, stabilized)	3	II	NDA
TDG	UN1993	FLAMMABLE LIQUID, N.O.S. (METHYL METHACRYLATE MONOMER, STABILIZED)	3	II	NDA
IMO/IMDG	UN1993	FLAMMABLE LIQUID, N.O.S. (METHYL METHACRYLATE MONOMER, STABILIZED)	3	II	NDA
IATA/ICAO	UN1993	Flammable liquids, n.o.s. (Methyl methacrylate monomer, stabilized)	3	II	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

State Right To Know				
Component	**CAS**	**MA**	**NJ**	**PA**

2-ethylhexyl acrylate	103-11-7	Yes	Yes	Yes
Diethylene glycol butyl ether methacrylate	7328-22-5	No	No	No
methyl methacrylate	80-62-6	Yes	Yes	Yes
Titanium Dioxide	13463-67-7	Yes	Yes	Yes

Inventory						
Component	**CAS**	**Canada DSL**	**Canada NDSL**	**EU EINECS**	**EU ELNICS**	**TSCA**
2-ethylhexyl acrylate	103-11-7	Yes	No	Yes	No	Yes
Diethylene glycol butyl ether methacrylate	7328-22-5	No	Yes	Yes	No	No
methyl methacrylate	80-62-6	Yes	No	Yes	No	Yes
Titanium Dioxide	13463-67-7	Yes	No	Yes	No	Yes

Belgium

Labor

Belgium - Substances and Preparations - Carcinogens and Mutagens

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Bulgaria

Environment

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	0.1 mg/m3 MAHCL
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	0.1 mg/m3 MAHCL
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Canada

Labor

Canada - WHMIS 1988 - Classifications of Substances

• 2-ethylhexyl acrylate	103-11-7	B3, D2B
• methyl methacrylate	80-62-6	B2, D2B
		D2A (In certain cases, this

• Titanium Dioxide	13463-67-7	classification does not apply. For more information, consult the section Substance Specific Issues - Titanium dioxide, mixture containing on Health Canada's WHMIS Division website.)
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Canada - WHMIS 1988 - Ingredient Disclosure List

• 2-ethylhexyl acrylate	103-11-7	1 %
• methyl methacrylate	80-62-6	1 %
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Environment

Canada - CEPA - Priority Substances List

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Priority Substance List 1 (substance not considered toxic)
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Denmark

Environment

Denmark - List of Undesirable Substances - Product Groups/Function

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Europe

Other

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

• 2-ethylhexyl acrylate	103-11-7	Xi; R37/38 R43
• methyl methacrylate	80-62-6	F; R11 Xi; R37/38 R43
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	Xi R:37/38-43 S:(2)-36/37-46
• methyl methacrylate	80-62-6	F Xi R:11-37/38-43 S:(2)-24-37-46
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	D

• methyl methacrylate	80-62-6	D
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	S:(2)-36/37-46
• methyl methacrylate	80-62-6	S:(2)-24-37-46
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Germany

Labor

Germany - Immission Control - Qualifying Quantities for Major Accident Prevention

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Germany - Immission Control - Qualifying Quantities for Safety Reporting

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Germany - TRGS 505 - Specific Lead Regulations

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Environment

Germany - TA Luft - Types and Classes

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Germany - TA Luft - Emission Limits for Carcinogenic Substances

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Germany - TA Luft - Emission Limits for Fibers

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Germany - TA Luft - Emission Limits for Inorganic Dusts

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Germany - TA Luft - Emission Limits for Inorganic Gases

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Germany - TA Luft - Emission Limits for Organic Substances

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Germany - Water Classification (VwVwS) - Annex 1

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	1345, not considered hazardous to water
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	ID Number 13, hazard class 1 - low hazard to waters
• methyl methacrylate	80-62-6	ID Number 154, hazard class 1 - low hazard to waters
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Germany - Water Classification (VwVwS) - Annex 3

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	ID Number 1345, not considered hazardous to water
• Diethylene glycol butyl ether methacrylate	7328-22-5	ID Number 5747, hazard class 1 - low hazard to waters

United States

Labor

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

Environment

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	
• Titanium Dioxide	13463-67-7	Not Listed

• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	1000 lb final RQ; 454 kg final RQ
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	1.0 % de minimis concentration
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

U.S. - EPA - Designated Generic Categories - Certain Glycol Ethers

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	

U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Included in waste stream: F039
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Hazardous Constituents - Appendix VIII to 40 CFR 261

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	waste number U162

• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	0.14 mg/L (wastewater); 160 mg/kg (nonwastewater)
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	waste number U162 (ignitable waste, toxic waste)
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

United States - California

Environment

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	carcinogen, 9/2/2011 (airborne, unbound particles of respirable size)
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

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

• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed

• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Female		
• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Male		
• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List		
• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	Not Listed
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances		
• 2-ethylhexyl acrylate	103-11-7	Not Listed
• methyl methacrylate	80-62-6	Not Listed
• Titanium Dioxide	13463-67-7	Not Listed
• Diethylene glycol butyl ether methacrylate	7328-22-5	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)

- H341 - Suspected of causing genetic defects.
  H351 - Suspected of causing cancer.
  H373 - May cause damage to organs through prolonged or repeated exposure.

Revision Date
- 20/July/2018

Preparation Date
- 11/March/2016

Other Information
- Changes to this revision: Updated mailing address.

Disclaimer/Statement of Liability
- The information contained herein is based on data considered accurate which has been obtained from other companies and organizations. However, no warranty or representation is expressed or implied that the information, is accurate, complete or representative. Firestone Building Products Company, LLC assumes no responsibility for injury to the buyer, the buyer's employees, or any third persons, if reasonable safety procedures are not followed. Additionally, Firestone Building Products Company, LLC assumes no responsibility for injury to buyer, the buyer's employees, or any third persons caused by abnormal use of this material, even if reasonable safety procedures are followed.

Key to abbreviations

NDA = No Data Available