

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: WHITE URETHANE ALIPH - POLYOL COMPONENT A (Exp version 2)
Product Code: UA6000P, UA6000P-1, UA6000P-5, UA6000P-Q

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Product Use: Architectural Coating and Waterproofing
 Use this product in accordance with all local, regional, national and international regulations.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Name/Address: Holcim Solutions and Products US, LLC
 26 Century Boulevard, Suite 205, Nashville, Tennessee 37214
 Holcim Solutions and Products Canada, a Division of Lafarge Canada Inc.
 Holcim Solutions and Products Canada, division de Lafarge Canada Inc.
 6509 Airport Road, Mississauga, Ontario L4V 1S7
 Gaco is a Holcim Solutions and Products brand

Telephone Number: 800-331-0196 / **International:** 001-800-331-0196

Email: sds@gaco.com

Website: www.gaco.com

1.4 EMERGENCY TELEPHONE NUMBER

For Chemical Emergency
 Spill, Leak, Fire, Exposure, or Incident
 Within USA and Canada: 1-800-424-9300
 Outside USA and Canada: +1-703-527-3887 (collect calls accepted)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL

Hazard class:

HAZARD CLASSIFICATION	CATEGORY
Skin Corrosion/Irritation	2
Eye Damage/Irritation	2
Toxic to Reproduction	2
STOT SE - Specific Toxic Organ Toxicity (Single Exposure)	3
STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure)	2
Flammable Liquids	2

2.2 LABEL ELEMENTS

Hazard pictogram: GHS02, GHS07, GHS08



Signal word:	Danger
Hazard statement:	Highly flammable liquid and vapor Causes skin irritation Causes serious eye irritation May cause drowsiness or dizziness Suspected of damaging the unborn child May cause damage to organs <neurological, auditory> through prolonged or repeated exposure <inhalation>
Prevention:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces/sparks/open flames/hot surfaces. -No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.
Response:	In case of fire: Use water fog, foam, dry chemical powder, carbon dioxide (CO ₂) to extinguish. Specific treatment (see Section 8 on this label). If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation 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. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.
Storage:	Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.
Disposal:	Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.3 ADDITIONAL INFORMATION

Main symptoms:	Prolonged exposure may cause chronic effects. Suspected of damaging the unborn child. May cause damage to organs <neurological, auditory> through prolonged or repeated exposure <inhalation>. May cause drowsiness and dizziness. Headache. Nausea. Vomiting. Causes skin irritation. May cause redness and pain. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Hazards not otherwise specified:	Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

22 % of the mixture consists of ingredient(s) of unknown acute toxicity

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

Material	CAS No.	Weight %*
Titanium dioxide (dust)	13463-67-7	10-30%
Toluene	108-88-3	7-13%
Butanone	78-93-3	7-13%
Zinc borate	138265-88-0	5-10%
Nepheline syenite - various grades	37244-86-5	5-10%
Silicon dioxide	7631-86-9	1-5%
cyclohex-1,4-ylenedimethanol	105-08-8	1-5%
Other components below reportable levels	-	40-45%

*The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4: FIRST-AID MEASURES

4.1 DESCRIPTION OF THE FIRST AID MEASURES

General information:

Ensure that medical personnel are aware of the materials(s) involved, and take precautions to protect themselves.

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Skin contact:

Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs, get medical advice/attention.

Eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

Ingestion:

Rinse mouth. Get medical attention if symptoms occur.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Prolonged exposure may cause chronic effects.

Suspected of damaging the unborn child.

May cause damage to organs <neurological, auditory> through prolonged or repeated exposure <inhalation>.

May cause drowsiness and dizziness. Headache. Nausea. Vomiting.

Causes skin irritation. May cause redness and pain.

Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED

Note to physicians:

Treat symptomatically. Symptoms may be delayed. Thermal burns: Flush with water immediately. While flushing, remove clothes that do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

Specific treatments:

In case of accident or if you feel unwell, seek medical advice (show the label or SDS where possible).

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

General hazards:

Highly flammable liquid and vapor.

Suitable extinguishing media:

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂)

Unsuitable extinguishing media:

Do not use water jet as an extinguisher as this will spread the fire.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- Specific hazards:** Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.
- Products of combustion:** May include, and are not limited to: oxides of carbon.

5.3 Special protective equipment and precautions for fire-fighters (PPE)

- Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
- Special fire-fighting procedures:** In case of fire and/or explosion, do not breathe fumes. Move containers from fire area if you can do it without risk.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING - UP

- Methods for containment:** Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Use appropriate Personal Protective Equipment (PPE).
- Methods for cleaning-up:** Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material. For waste disposal, see Section 13 of the SDS.
- Large spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water. Prevent product from entering drains.
- Small spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use.
- Environmental precautions:** Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases.

SECTION 7: HANDLING AND STORAGE**7.1 PRECAUTIONS FOR SAFE HANDLING**

- Precautions for Safe handling:** Vapors may form explosive mixtures with air. Do not handle or store near an open flame, heat or other sources of ignition. Do not smoke. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

General hygiene advice: Ensure that medical personnel are aware of the materials(s) involved, and take precautions to protect themselves.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Safe storage: Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Keep container tightly closed. Store in a cool and well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

Specific use: Architectural Coating and Waterproofing

Technical measures: Vapors may form explosive mixtures with air. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment.

Incompatible materials: None known, avoid strong oxidizing agents.

Safe packaging material: Keep in original container.

Precautions: Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Take precautionary measures against static discharges.

Safe handling advice: Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Take precautionary measures against static discharges. Use personal protection recommended in Section 8 of the SDS.

Suitable storage conditions: Keep away from heat, sparks and open flame. Keep container tightly closed. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. Keep in an area equipped with sprinklers.

Handling-technical measures: Use non-sparking tools and explosion-proof equipment. All equipment used when handling this product must be grounded.

Local and general ventilation: Provide adequate ventilation.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Control parameters: Follow standard monitoring procedures.

Exposure limits:

Titanium dioxide (dust)

OSHA:

PEL-TWA: 15 mg/m³ (total dust)NIOSH:

ACGIH:

TLV-TWA 10 mg/m³ [1992]

No significant exposure to primary particles of titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints.

Toluene

NIOSH REL: TWA 100 ppm (375 mg/m³) ST 150 ppm (560 mg/m³)

OSHA PEL⁺: TWA 200 ppm C 300 ppm 500 ppm (10-minute maximum peak)

TLV: 50ppm as TWA; (skin); A4 (not classifiable as a human carcinogen); BEI issued; (ACGIH 2004).

Butanone

OSHA:

PEL-TWA ppm: 200

PEL-TWA mg/m³: 590

NIOSH:

REL-TWA ppm: 200
REL-TWA mg/m³: 590
REL-STEL ppm: 300
REL-STEL mg/m³: 885
IDLH ppm: 3000

Zinc borate

ACGIH/TLV: 10 mg/m³ Cal
OSHA/PEL: 10 mg/m³
OSHA/PEL (total dust): 15 mg/m³
OSHA/PEL (Respirable dust): 5 mg/m³

Nepheline syenite - various grades

OSHA PEL: 5 mg/m³ TQA resp
OSHA TLV: none

Silicon dioxide

OSHA:
PEL[†]: TWA 20 mppcf (80 mg/m³/%SiO₂) See Appendix C (Mineral Dusts)
NIOSH:
REL: TWA 6 mg/m³

No significant exposure to primary particles of silicon dioxide is thought to occur during the use of products in which silicon dioxide is bound to other materials, such as in paints.

8.2 EXPOSURE CONTROLS**Engineering measures to reduce exposure:**

Explosion-proof general and local exhaust ventilation. Eye wash facilities and emergency shower must be available when handling this product.

8.3 INDIVIDUAL PROTECTIVE MEASURES

General:	Eye wash fountain and emergency showers are recommended. Use personal protective equipment as required.
Eye protection:	Wear safety glasses with side shields (or goggles).
Hand protection:	Wear appropriate chemical resistant gloves.
Respiratory protection:	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
Skin and body protection:	Wear suitable protective clothing.
Hygiene measures:	When using do not smoke. 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.
Thermal hazards:	Wear appropriate thermal protective clothing, when necessary.

Environmental exposure controls: Inform appropriate managerial or supervisory personnel of all environmental releases.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Viscous white liquid

Color:	White
Form:	Liquid
Odor:	Strong solvent
Odor Threshold:	Not applicable
Physical State:	Liquid
pH (at 20°C):	Not applicable
Melting Point/Freezing Point:	Not applicable
Initial Boiling Point and Boiling Range:	Not applicable
Flash Point:	22°F/-5.56°C
Evaporation Rate:	Not applicable
Flammability (solid, gaseous):	Highly flammable liquid and vapor.
Lower Flammability/Explosive Limit:	Not applicable
Upper Flammability/Explosive Limit:	Not applicable
Vapor Pressure (mm Hg @38°C):	Not applicable
Vapor Density:	Not applicable
Density (lb/gal):	13
Relative Density/Specific Gravity:	1.6
Solubility in water/miscibility:	Not soluble
Partition coefficient: n-octanol/water:	Not applicable
Auto-ignition Temperature:	Not applicable
Decomposition Temperature:	Not applicable
Viscosity (at 20°C) g/L:	Not applicable
Oxidizing Properties:	Not applicable
Explosive Properties:	Not applicable
VOC:	322.17 g/L (2.69 lb/gal)
Solvent content - Organic:	Not applicable
Solvent content - Water:	0%
Solvent content - Solids:	80%
Other information:	Not applicable
Incompatibilities:	None known, avoid strong oxidizing agents.

SECTION 10: STABILITY AND REACTIVITY

- 10.1 REACTIVITY** The product is stable and non-reactive under normal conditions of use, storage and transport.
- 10.2 CHEMICAL STABILITY**
- Chemical stability:** Material is stable under normal conditions.
- Materials to avoid:** The product is stable and non-reactive under normal conditions of use, storage and transport.
- 10.3 POSSIBILITY OF HAZARDOUS REACTIONS**
- Hazardous reactions:** No dangerous reaction known under conditions of normal use.
- 10.4 CONDITIONS TO AVOID** Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.
- 10.5 INCOMPATIBLE MATERIALS** None known, avoid strong oxidizing agents.
- 10.6 HAZARDOUS DECOMPOSITION PRODUCTS**
- Hazardous decomposition products:** No hazardous decomposition products are known.
- Hazardous polymerization:** Does not occur.
- Other information:** Not applicable.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity:	May cause drowsiness and dizziness. Headache. Nausea. Vomiting. Causes skin irritation. May cause redness and pain. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Likely routes of exposure:	Skin contact. Eye contact. Inhalation.
Eye:	Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Skin:	Causes skin irritation. May cause redness and pain.
Ingestion:	Not an expected route of exposure. Expected to be a low ingestion hazard.
Inhalation:	May cause drowsiness and dizziness. Headache. Nausea. Vomiting.

LD50/LC50 values relevant to this classification:

Titanium dioxide (dust)

Oral mouse LD50 > 5000 mg/kg bw
Oral rat LD50 > 5000 mg/kg bw
Oral rat LD50 > 2000 mg/kg bw
Oral rat LD50 > 11000 mg/kg bw
Inhal rat LC50 3.43-5.09 mg/L air
Inhal rat LC50 > 3.56 mg/L air

Toluene

Oral rat LD50 > 5000 mg/kg
Oral rat LD50 > 5580 mg/kg bw
Inhal rat LC50 > 20 mg/L
Inhal mice LC50 5320 ppm
Inhal mice LC50 6405-7436 ppm
Inhal mice LC50 5879-6281 ppm
Inhal rat LC50 12.5-28.8 mg/L air
Derm rabbit LD50 > 5000 mg/kg bw

Butanone

Oral rat LD50 2193 mg/kg bw

Silicon dioxide (dust)

Oral rat LD50 > 5000 mg/kg bw
Oral rat LD50 >10,000 mg/kg bw
Oral rat LD50 > 5620 mg/kg bw
Oral mouse LD50 > 3160 mg/kg bw
Oral rat LD50 mg/kg bw
Oral rat LD0 > 20000 mg/kg bw
Oral rat LD50 >3300 mg/kg bw
Oral rat LD0 10,000 mg/kg bw
Inhal rat LC0 > 0.69 mg/L air no deaths
Inhal rat LC0 > 0.14mg/L air no deaths
Inhal rat LC0 > 58.8 mg/L air no deaths
Derm rabbit LD50 > 2000 mg/kg bw
Derm rabbit LD50 > 5000 mg/kg bw

cyclohex-1,4-ylenedimethanol

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Oral rat LD50 >2000 mg/kg bw
 Oral rat LD50 3200 < 6400 mg/kg bw
 Oral mouse LD50 1600 < 3200 mg/kg bw
 Oral rat LD50 1600 < 3200 mg/kg bw
 Oral guinea pig LD50 800 < 1600 mg/kg bw
 Oral rat LD50 800 < 1600 mg/kg bw
 Inhal rat LC50 1 ≤ 3 mg/L air 6hr
 Inhal rat LC50 > 1.25 mg/L air 6hr
 Derm guinea pig LDLo >1000 mg/kg bw
 Derm guinea pig LDLo >20 mg/kg bw

Calculated overall chemical acute toxicity values for this formulation:

Calculated overall Chemical Acute Toxicity Values		
LC50 (inhalation)	LD50 (oral)	LD50 (dermal)
>5 mg/kg (dust and mist)	>2000 mg/kg	>2000 mg/kg

11.2 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT- AND LONG-TERM EXPOSURE

Skin corrosion/irritation: Causes skin irritation. May cause redness and pain.

Serious eye damage/irritation: Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Respiratory sensitization: Based on available data, this product is not expected to cause respiratory sensitization.

Skin sensitization: Based on available data, this product is not expected to cause skin sensitization.

Symptoms and target organs: Prolonged exposure may cause chronic effects. Suspected of damaging the unborn child. May cause damage to organs <neurological, auditory> through prolonged or repeated exposure <inhalation>. May cause drowsiness and dizziness. Headache. Nausea. Vomiting. Causes skin irritation. May cause redness and pain. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Chronic health effects: Prolonged exposure may cause chronic effects. Suspected of damaging the unborn child. May cause damage to organs <neurological, auditory> through prolonged or repeated exposure <inhalation>.

Carcinogenicity: This product is not classified as a carcinogen. Due to the form of the product, exposure to the potentially carcinogenic components is not expected.

Material	OSHA(O)	ACGIH(G)	NTP(N)	IARC(I)
Titanium dioxide (dust)	Note listed	A4	Not listed	2B
Toluene	Not listed	A3	Not listed	3

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

OSHA (O) =Occupational Safety and Health Administration
 Ca/Yes = Expected to be carcinogenic
 not listed = Not expected to be carcinogenic

ACGIH (G) =American Conference of Governmental Industrial Hygienists
 A1 =Confirmed human carcinogen
 A2 =Suspected human carcinogen
 A3 =Animal carcinogen
 A4 =Not classifiable as a human carcinogen
 A5 =Not suspected as a human carcinogen
 not listed = Not expected to be carcinogenic

NTP (N) =National Toxicology Program
 K =Known to be a carcinogen
 R = Reasonably anticipated to be a carcinogen
 not listed = Not expected to be carcinogenic
IARC (I) =International Agency for Research on Cancer
 1 =Carcinogenic to humans
 2A =Probably carcinogenic to humans
 2B =Possibly carcinogenic to humans
 3 =Not classifiable as to its carcinogenicity to humans
 4 =Probably not carcinogenic to humans
 not listed = Not expected to be carcinogenic

Mutagenicity:

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Reproductive Toxicity: Suspected of damaging the unborn child.

Specific Target Organ Toxicity (STOT):

Single Exposure: May cause drowsiness and dizziness.

Repeated Exposure: May cause damage to organs <neurological, auditory> through prolonged or repeated exposure <inhalation>.

Aspiration Toxicity: Based on available data, this product is not expected to cause aspiration

Other Information: toxicity.
Not applicable.

SECTION 12: ECOLOGICAL INFORMATION**12.1 ECOTOXICITY**

Ecotoxicity: Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Acute aquatic toxicity: Toxic to aquatic life.
Chronic toxicity: Toxic to aquatic life with long lasting effects.
Environmental effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

12.2 PERSISTENCE AND DEGRADABILITY

Persistence/biodegradability: The product contains substances which are not expected to be readily biodegradable.

12.3 BIOACCUMULATIVE POTENTIAL

Bioaccumulation: No data available.

12.4 MOBILITY

Mobility: No data available.
Mobility in soil: No data available.
Mobility in non-soil: No data available.

12.5 OTHER ADVERSE EFFECTS

Ozone layer: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 WASTE TREATMENT METHODS**

Disposal method: This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Dispose of contents and container in accordance with all local, regional, national and international regulations.

EU codes: The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Residual waste: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents and container in accordance with all local, regional, national and international regulations.

Waste codes: D001: Waste Flammable material with a flash point <140°F (<60°C) The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Other disposal recommendations: None

SECTION 14: TRANSPORT INFORMATION**DOT Non-Bulk**

UN: UN1263

Proper shipping name: PAINT

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Hazard class: 3

Packing group: PG II

DOT Bulk

UN: UN1263

Proper shipping name: PAINT

Hazard class: 3

Packing group: PG II

IMDG

UN: UN1263

Proper shipping name: PAINT

Hazard class: 3

Packing group: PG II

ICAO/IATA

UN: UN1263

Proper shipping name: PAINT

Hazard class: 3

Packing group: PG II

Reportable quantity: Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL

US Federal Regulations:

U.S. OSHA (Occupational Safety and Health Administration) Specifically Regulated Substances (29 CFR 1910.1001-1050)

The following components of this product are found at concentrations greater than or equal to 0.1% and are listed as U.S. OSHA Specifically Regulated Substances.

Material	CAS No.	Amount
Titanium dioxide (dust)	13463-67-7	20%

SARA/CERCLA reporting requirements:

The following components of this product are found at concentrations greater than or equal to 0.1% and are subject to SARA/CERCLA reporting requirements.

Material	SARA 302 (EHSs) TPQ	SARA 304 EHSs RQ	CERCLA RQ	SARA 313 listed	RCRA CODE	CAA 112(r) TQ
Toluene	Not listed	Not listed	1,000	313	U220	Not listed
Butanone	Not listed	Not listed	5,000	Not listed	U159	Not listed

State Right-to-Know Regulations

The following components of this product are found at concentrations greater than or equal to 0.1%, subject to state Right-to-Know reporting requirements; or are found at any concentration and are listed under California Proposition 65.

Material	California Proposition 65	Massachusetts Right-to-Know	Minnesota Employee Right-to-Know	New Jersey Community Environmental Hazard Right-to-Know	New Jersey Right-to-Know Substance	Pennsylvania Right-to-Know	Rhode Island Right-to-Know

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Titanium dioxide (dust)	Cancer (airborne, unbound particles of respirable size)	Listed	Listed	Not listed	Listed	Listed	Not listed
Toluene	Dev	Listed	Listed	Listed	Listed	Listed	Listed
Butanone	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed	Listed
Silicon dioxide (dust)	Not listed	Listed	Listed	Not listed	Not listed	Listed	Not listed
Zirconium dioxide	Not listed	Listed	Not listed	Not listed	Not listed	Not listed	Not listed
Soybean oil, epoxidized	Not listed	Not listed	Not listed	Not listed	Not listed	Listed	Not listed
Triphenyl phosphate	Not listed	Listed	Listed	Not listed	Listed	Listed	Not listed
Ethylbenzene (trace <0.1%)	Cancer	Listed	Listed	Listed	Listed	Listed	Listed
Benzene (trace <0.1%)	Cancer, Dev	Listed	Listed	Listed	Listed	Listed	Listed
vinyl chloride (trace <0.001%)	Cancer	Listed	Listed	Listed	Listed	Listed	Listed
Naphthalene (trace <0.001%)	Cancer	Listed	Listed	Listed	Listed	Listed	Listed
Cumene (mixed isomers) (trace <0.001%)	Cancer	Listed	Listed	Not listed	Listed	Listed	Listed

California:

Proposition 65:



WARNING: This product can expose you to Ethylbenzene, Benzene, Vinyl chloride, Naphthalene and Cumene, which are known to the State of California to cause cancer, and Toluene, and Benzene, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Global Inventories:

Notification status:	
US - TSCA	All substances are listed
Canada -DSL	All substances are listed
Canada - NDSL	No substances are listed
EU - EINECS	All substances are listed
EU - ELINCS	No substances are listed
EU - NLP	No substances are listed
Australia – AICS	All substances are listed
China - EICSC	All substances are listed
Japan - ENCS	All substances are listed
Korea - KECI	All substances are listed
Taiwan - NECI	All substances are listed
New Zealand - NZIoC	Not all substances are listed
Philippine - PICCS	All substances are listed

EU - REACH Status:

A registration number is not available for substances in this mixture as the substances are exempted from registration or the annual tonnage does not require a registration.

HAZARD CLASSIFICATION	CATEGORY
Skin Corrosion/Irritation	2
Eye Damage/Irritation	2
Toxic to Reproduction	2
STOT SE - Specific Toxic Organ Toxicity (Single Exposure)	3
STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure)	2
Flammable Liquids	2

CANADA – WHMIS (Workplace Hazardous Materials Information System) Classification (GHS):

HAZARD CLASSIFICATION	CATEGORY
	2

SAFETY DATA SHEET

Skin Corrosion/Irritation	2
Eye Damage/Irritation	2
Toxic to Reproduction	3
STOT SE - Specific Toxic Organ Toxicity (Single Exposure)	2
STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure)	2
Flammable Liquids	

MEXICO (GHS):

HAZARD CLASSIFICATION	CATEGORY
Skin Corrosion/Irritation	2
Eye Damage/Irritation	2
Toxic to Reproduction	2
STOT SE - Specific Toxic Organ Toxicity (Single Exposure)	3
STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure)	2
Flammable Liquids	2

Carcinogen Status: No data available.

SECTION 16: OTHER INFORMATION

HMIS (Hazardous Materials Identification System) rating:

Health:	2*
Flammability:	3
Physical:	0

NFPA 704 (National Fire Protection Association) rating:

Health	2
Fire	3
Reactivity	0

Legend:

DOT	US Department of Transportation
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
ACGIH	American Conference of Governmental Industrial Hygienists
NTP	National Toxicology Program
IARC	International Agency for Research on Cancer
PPE	Personal Protective Equipment
RCRA	Resource Conservation and Recovery Act
CAA	Clean Air Act
SARA	Superfund Amendments and Reauthorization Act
EPCRA	Emergency Planning and Community Right-to-Know Act
WHMIS	Workplace Hazardous Materials Information System
EU	European Union
REACH	Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
TSCA	US Toxic Substances Control Act (TSCA)
DSL	Canada Domestic Substance List (DSL)
NDSL	Canada Non-Domestic Substance List (NDSL)
EINECS	European Inventory of Existing Commercial Chemical Substances (EINECS)
ELINCS	European List of Notified Chemical Substances (ELINCS)
NLP	European list of No-longer Polymers (NLP)

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AICS	Australian Inventory of Chemical Substances (AICS)
EICSC	China Existing Chemical Inventory - IECSC
ENCS	Japanese Existing and New Chemical Substances Inventory(ENCS)
KECI	Korea Existing Chemicals Inventory(KECI)
NECI	Taiwan National Existing Chemical Inventory (NECI)
NZIoC	New Zealand Inventory of Chemicals (NZIoC)
PICCS	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
HMIS	Hazardous Materials Identification System
NFPA	National Fire Protection Association (NFPA)

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End of Safety Data Sheet