

**SECTION 1: IDENTIFICATION**
**1.1 PRODUCT IDENTIFIER**

**Product Name:** Twin Jet Part 2  
**Product Code:** W56RACIAPC2, W56RACIATJ2

**1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE**

**Product Use:** Part 2 of a two-component polyurethane adhesive  
 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  
 Elevate is a Holcim Solutions and Products US, LLC brand  
**Telephone Number:** Sales: 1-800-428-4442 • Technical: 1-800-428-4511 • Français: 1-888-292-6265  
**Website:** holcimelevate.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
STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure) Gases Under Pressure	2 -

**2.2 LABEL ELEMENTS**

Hazard pictogram: GHS04, GHS08



Signal word: Warning

**Hazard statement:** Contains gas under pressure; may explode if heated  
 May cause damage to organs <kidney> through prolonged or repeated exposure <oral>  
 HNOC - May displace oxygen and cause rapid suffocation

**Prevention:** Do not breathe dust/fume/gas/mist/vapors/spray.

**Response:** Get Medical advice/attention if you feel unwell.

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**Storage:** Protect from sunlight. Store in a well-ventilated place.

**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. May cause damage to organs <kidney> through prolonged or repeated exposure <oral>.

**Hazards not otherwise specified:** May displace oxygen and cause rapid suffocation

<65% of the mixture consists of ingredient(s) of unknown acute toxicity

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 MIXTURES**

Material	CAS No.	Weight %*
Norflurane	811-97-2	10-15%
Oxydipropanol	25265-71-8	<15%
Diethylene glycol	111-46-6	<15%
Other components below reportable levels	--	<65%

\*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 material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible).

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

**Skin contact:** Wash skin with plenty of soap and water. Get medical attention if irritation develops and persists.

**Eye contact:** Rinse eyes with water. 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.

May cause damage to organs <kidney> through prolonged or repeated exposure <oral>.

**4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED**

**Note to physicians:** Treat symptomatically.

**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:** During fire, gases hazardous to health may be formed. May react explosively even in the absence of air at elevated pressure and/or temperature.

**Suitable extinguishing media:** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>)  
**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:** Contents under pressure. Pressurized container may explode when exposed to heat or flame.  
**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:** Keep upwind of fire. 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. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Emergency personnel need self-contained breathing equipment. 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:** Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).  
**Methods for cleaning-up:** Stop the flow of material, if this is without risk. Dike far ahead of spill for later disposal. Following product recovery, flush area with water. 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. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  
**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 discharge into drains, water courses or onto the ground.

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

**Precautions for Safe handling:** 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:** Store away from incompatible materials.  
**Specific use:** One component of a two-component polyurethane system  
**Technical measures:** No specific recommendations.  
**Incompatible materials:** Oxidizing agents.  
**Safe packaging material:** No specific recommendations.

<b>Precautions:</b>	Use personal protective recommended in Section 8 of the SDS.
<b>Safe handling advice:</b>	Observe good industrial hygiene practices.
<b>Suitable storage conditions:</b>	Store away from incompatible materials.
<b>Handling-technical measures:</b>	No specific recommendations.
<b>Local and general ventilation:</b>	Provide adequate ventilation.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 CONTROL PARAMETERS**

**Control parameters:** Follow standard monitoring procedures.

**Exposure limits:**

**Diethylene glycol**

OSHA: None

NIOSH:

REL: Ethylene glycol [Ceiling 50 ppm]

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

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

**8.3 INDIVIDUAL PROTECTIVE MEASURES**

<b>General:</b>	Use personal protective equipment as required.
<b>Eye protection:</b>	If contact is likely, safety glasses with side shields are recommended.
<b>Hand protection:</b>	For prolonged or repeated skin contact, use suitable protective gloves.
<b>Respiratory protection:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Skin and body protection:</b>	Wear suitable protective clothing.
<b>Hygiene measures:</b>	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.
<b>Thermal hazards:</b>	Wear appropriate thermal protective clothing, when necessary.

**Environmental exposure controls:** Environmental manager must be informed of all major releases.

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

<b>Appearance:</b>	Red viscous liquid with mildly sweet odor
<b>Color:</b>	Red
<b>Form:</b>	Aerosol
<b>Odor:</b>	Mildly sweet
<b>Odor Threshold:</b>	Not applicable
<b>Physical State:</b>	Liquid
<b>pH (at 20°C):</b>	Not applicable
<b>Melting Point/Freezing Point:</b>	Not applicable
<b>Initial Boiling Point and Boiling Range:</b>	Not applicable

<b>Flash Point:</b>	Not applicable
<b>Evaporation Rate:</b>	Not applicable
<b>Flammability (solid, gaseous):</b>	Not Flammable
<b>Lower Flammability/Explosive Limit:</b>	Not applicable
<b>Upper Flammability/Explosive Limit:</b>	Not applicable
<b>Vapor Pressure (mm Hg @38°C):</b>	> 200 psi
<b>Vapor Density:</b>	Not applicable
<b>Density (lb/gal):</b>	8.2 – 8.8 lb/gal (0.98 – 1.05 kg/l)
<b>Relative Density/Specific Gravity:</b>	0.98 - 1.05 (Water=1)
<b>Solubility in water/miscibility:</b>	Partially Soluble
<b>Partition coefficient: n-octanol/water:</b>	Not applicable
<b>Auto-ignition Temperature:</b>	Not applicable
<b>Decomposition Temperature:</b>	Not applicable
<b>Viscosity (at 20°C) g/L:</b>	Not applicable
<b>Oxidizing Properties:</b>	Not applicable
<b>Explosive Properties:</b>	Not applicable
<b>VOC:</b>	25 g/L (<0.21 lb/gal) ASTM D2369
<b>Solvent content - Water:</b>	Not applicable
<b>Solvent content - Solids:</b>	Not applicable
<b>Other information:</b>	Not applicable
<b>Incompatibilities:</b>	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**

Heat may cause the cylinders to explode. Avoid heat, sparks, open flames and other ignition sources. Contact with incompatible materials.

**10.5 INCOMPATIBLE MATERIALS**

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:**

Expected to be a low hazard for usual industrial or commercial handling by trained personnel.

**Likely routes of exposure:**

Skin contact. Eye contact. Inhalation.

**Eye:**

Direct contact with eyes may cause temporary irritation.

**Skin:**

No adverse effects due to skin contact are expected. Prolonged skin contact may cause dryness, redness, or cracking.

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**Ingestion:** Not an expected route of exposure. Expected to be a low ingestion hazard.

**Inhalation:** Not an expected route of exposure. No adverse effects due to inhalation are expected.

**LD50/LC50 values relevant to this classification:**
**Norflurane**

Inhal rat LC0 >567,000 ppm air 4 hr, practically non toxic

Inhal dog LC50 80,000 ppm air 1 hr, no effects

Inhal mouse LC50 >270,000 ppm air 10 min, no effects

**Oxydipropanol**

Oral rat LD50 >5000 mg/kg bw

Oral rat LD50 15.8 mL/kg bw

Inhal rat LC50 >2.35 mg/L air 4hr

Derm rabbit LD50 >5010 mg/kg bw

**Diethylene glycol**

Oral rat LD50 19600 mg/kg bw/day

Oral rat LD50 16500 mg/kg bw/day

Oral Human LD50 1120 mg/kg bw/day

Oral Rat LD50 >25300 mg/kg

Inhal rat LC50 > 4.6 mg/L air 4hr

Inhal Rat LC50 >5.06 mg/l

Derm rabbit LD50 13300 mg/kg bw

Dermal Rabbit LD50 12500 mg/kg

**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:** Based on available data, this product is not expected to cause skin corrosion or irritation. Prolonged skin contact may cause dryness, redness, or cracking.

**Serious eye damage/irritation:** Based on available data, this product is not expected to cause serious eye damage or irritation. Direct contact with eyes may cause temporary irritation.

**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. May cause damage to organs <kidney> through prolonged or repeated exposure <oral>.

**Chronic health effects:** Prolonged exposure may cause chronic effects. May cause damage to organs <kidney> through prolonged or repeated exposure <oral>.

**Carcinogenicity:** This product is not classified as a carcinogen.

Material	OSHA(O)	ACGIH(G)	NTP(N)	IARC(I)
Diethylene glycol	Not listed	A3	No 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

**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

A3 =Animal carcinogen  
A4 =Not classifiable as a human carcinogen  
A5 =Not suspected as a human carcinogen  
not listed = Not expected to be carcinogenic

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

<b>Mutagenicity:</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Reproductive Toxicity:</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific Target Organ Toxicity (STOT):</b>	
<b>Single Exposure:</b>	Not classified as an STOT - Single Exposure.
<b>Repeated Exposure:</b>	May cause damage to organs <kidney> through prolonged or repeated exposure <oral>.
<b>Aspiration Toxicity:</b>	Based on available data, this product is not expected to cause aspiration toxicity.
<b>Other Information:</b>	Not applicable.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 ECOTOXICITY

<b>Ecotoxicity:</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Acute aquatic toxicity:</b>	The product is not classified as acutely environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Chronic toxicity:</b>	The product is not classified as having a chronic environmental hazard. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Environmental effects:</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### 12.2 PERSISTENCE AND DEGRADABILITY

<b>Persistence/biodegradability:</b>	The product contains substances which are not expected to be readily biodegradable.
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### 12.3 BIOACCUMULATIVE POTENTIAL

<b>Bioaccumulation:</b>	No data available.
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### 12.4 MOBILITY

<b>Mobility:</b>	No data available.
<b>Mobility in soil:</b>	No data available.
<b>Mobility in non-soil:</b>	No data available.

### 12.5 OTHER ADVERSE EFFECTS

<b>Ozone layer:</b>	No data available.
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## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 WASTE TREATMENT METHODS

<b>Disposal method:</b>	This material must be disposed of in accordance with all local, state, provincial, and federal regulations.
<b>Contaminated packaging:</b>	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.
<b>EU codes:</b>	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Residual waste:</b>	Dispose of in accordance with local regulations. Empty containers or liners

**Disposal instructions:** may retain some product residues. This material and its container must be disposed of in a safe manner (see: 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:** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Other disposal recommendations:** During product disposal, wear recommended eye and skin protection. maintain proper ventilation. Empty canisters completely of any remaining material. Add oil absorbent to waste components. Dispose of waste in an approved landfill. Turn empty canister upside down and open valve completely to relieve the canister of pressure. Once pressure is completely evacuated, locate and punch out the button on the shoulder of the canister using a non-ferrous punch. Empty canisters can be sent to a metal recycler or an approved landfill. Do not burn empty canisters. Dispose in accordance with local, federal, and state regulations.

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

UN: UN3500

**Proper shipping name:** CHEMICAL UNDER PRESSURE, N.O.S. (NORFLURANE)**Hazard class:** 2.2**Packing group:** n/a**DOT Bulk**

UN: UN3500

**Proper shipping name:** CHEMICAL UNDER PRESSURE, N.O.S. (NORFLURANE)**Hazard class:** 2.2**Packing group:** n/a**IMO/IMDG**

UN: UN3500

**Proper shipping name:** CHEMICAL UNDER PRESSURE, N.O.S. (NORFLURANE)**Hazard class:** 2.2**Packing group:** n/a**ICAO/IATA**

UN: UN3500

**Proper shipping name:** CHEMICAL UNDER PRESSURE, N.O.S. (NORFLURANE)**Hazard class:** 2.2**Packing group:** n/a

**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**

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No components of this product are present at concentration greater than or equal to 0.1% and are identified as a carcinogen or potential carcinogen by OSHA.

**SARA/CERCLA reporting requirements:**

No components of this product are found at concentrations greater than or equal to 0.1% and are subject to the SARA/CERCLA reporting requirements.

**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
Oxydipropanol	Not listed	Not listed	Not listed	Not listed	Not listed	Listed	Not listed
Diethylene glycol	Not listed	Not listed	Listed	Not listed	Not listed	Listed	Not listed

**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	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
STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure) Gases Under Pressure	2 -

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

HAZARD CLASSIFICATION	CATEGORY
STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure) Gases Under Pressure	2 -

**MEXICO (GHS):**

HAZARD CLASSIFICATION	CATEGORY
STOT RE - Specific Toxic Organ Toxicity (Repeated Exposure)	2 -

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Gases Under Pressure	
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**Carcinogen Status:** No data available.

<b>SECTION 16: OTHER INFORMATION</b>
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**HMIS (Hazardous Materials Identification System) rating:**

<b>Health:</b>	<b>1*</b>
<b>Flammability:</b>	<b>0</b>
<b>Physical:</b>	<b>0</b>

**NFPA 704 (National Fire Protection Association) rating:**

<b>Health</b>	<b>1</b>
<b>Fire</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>

**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)
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)

**Date of preparation:** April 20, 2023

**Version:** 1.0

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**Disclaimer:** We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other

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**Prepared by:**

materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

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**End of Safety Data Sheet**