

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
Product name : Elasto-Glaze 6001 AL-HT (Neutral)
Product group : Trade product

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

ITW Polymers and Sealants NA
12055 Cutten Road
Houston, TX 77066
T 972-438-9111

1.4. Emergency telephone number

Emergency number : CHEMTREC (US Transportation): (800) 424-9300 International: +1 (703) 527-3887

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Flammable liquids, Category 3	H226	Flammable liquid and vapour.
Respiratory sensitisation, Category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitisation, Category 1	H317	May cause an allergic skin reaction.
Germ cell mutagenicity, Category 2	H341	Suspected of causing genetic defects.
Carcinogenicity, Category 2	H351	Suspected of causing cancer.
Reproductive toxicity, Category 1B	H360	May damage fertility or the unborn child.
Specific target organ toxicity - Repeated exposure, Category 2	H373	May cause damage to organs through prolonged or repeated exposure.
Hazardous to the aquatic environment - Chronic Hazard, Category 2	H411	Toxic to aquatic life with long lasting effects.

2.2. GHS Label elements, including precautionary statements

GHS CA labelling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) :

Danger

Hazard statements (GHS CA) :

H226 - Flammable liquid and vapour.
H317 - May cause an allergic skin reaction.
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H341 - Suspected of causing genetic defects.
H351 - Suspected of causing cancer.
H360 - May damage fertility or the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure.
H411 - Toxic to aquatic life with long lasting effects.

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Precautionary statements (GHS CA) : P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take action to prevent static discharges.
P260 - Do not breathe mist/vapours/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, chemical goggles, & face protection.
P284 - In case of inadequate ventilation, wear respiratory protection.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use media other than water to extinguish.
P391 - Collect spillage.
P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%
Benzene, 1-chloro-4-(trifluoromethyl)-	-	CAS-No.: 98-56-6	10 – 30
Talc	-	CAS-No.: 14807-96-6	5 – 10
Benzene, trimethyl-	-	CAS-No.: 25551-13-7	1 – 5
Isophorone diisocyanate	-	CAS-No.: 4098-71-9	0.1 – 1
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	-	CAS-No.: 41556-26-7	0.1 – 1
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester	-	CAS-No.: 82919-37-7	0.1 – 1
Benzenesulfonyl isocyanate, 4-methyl-	-	CAS-No.: 4083-64-1	0.1 – 1

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Name	Chemical name / Synonyms	Product identifier	%
Cumene	cumene	CAS-No.: 98-82-8	0.1 – 1
Dibutyltin dilaurate	-	CAS-No.: 77-58-7	0.1 – 1

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.
First-aid measures after skin contact	: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention immediately.
First-aid measures after eye contact	: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get medical attention immediately. Continue rinsing.
First-aid measures after ingestion	: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Get medical attention if you feel unwell.
First-aid measures general	: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects	: May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing genetic defects. Suspected of causing cancer. May damage fertility. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure.
Symptoms/effects after inhalation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Direct contact with eyes is likely to be irritating.
Symptoms/effects after ingestion	: May cause gastrointestinal irritation.
Chronic symptoms	: Suspected of causing cancer. Suspected of causing genetic defects. May damage fertility. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Carbon dioxide. Foam. Dry powder. Sand.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : If water is used, use very large quantities of cold water. The reaction between water and hot isocyanate may be vigorous.

5.3. Specific hazards arising from the hazardous product

Fire hazard	: Flammable liquid and vapour.
Explosion hazard	: Avoid fire, sparks, static electricity and hot surfaces. Liquid readily evaporates at room/ambient temperature. Vapours are invisible, flammable, heavier than air, and may accumulate in low areas and spread long distances. Distant ignition and flashback are possible.

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Reactivity in case of fire : Reacts on exposure to water (moisture).

5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use cold water spray to cool fire-exposed containers to minimize risk of rupture. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment. Prevent human exposure to fire, fumes, smoke and products of combustion.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Other information : Avoid smoke inhalation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

6.2. Methods and materials for containment and cleaning up

For containment/cleaning up : SMALL SPILL: Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on absorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces, including ignitable vapours, have been removed, thoroughly wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal. Only those persons who are adequately trained, authorized, and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up.

LARGE SPILL: Keep spectators away. Only those persons who are adequately trained, authorized and wearing the required personal protective equipment (PPE) should participate in spill response and clean-up. Ventilate the area by natural means or by explosion proof means (i.e. fans). Know and prepare for spill response before using or handling this product. Eliminate all ignition sources (flames, hot surfaces, portable heaters and sources of electrical, static, or frictional sparks). Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered and labeled metal containers for recovery or disposal, or remove with inert absorbent. Use only non-sparking tools and appropriate PPE. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not handle until all safety precautions have been read and understood. For professional or industrial use only. Follow label instructions. Keep out of reach of children. Not for consumption. No smoking. Do not breathe vapours. Avoid contact with body. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Empty containers must not be washed and re-used for any purpose. Contact lens wearers must wear protective eye wear around chemical vapours and liquid. Wash hands thoroughly after handling. Flammable vapours may cause flash fire or ignite explosively. To prevent build-up of vapours, use adequate natural and/or mechanical ventilation (e.g. open all windows and doors to achieve cross ventilation). Containers may be hazardous when empty. Never use welding or cutting torch on or near container. Do not cut, drill, grind, or expose containers to heat, sparks, static electricity or other source of ignition. Explosion may occur causing injury or death.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a dry, cool and well-ventilated place. Keep container tightly closed.

Special rules on packaging : Keep only in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Isophorone diisocyanate (4098-71-9)

Canada (Alberta) - Occupational Exposure Limits

OEL TWA	0.05 mg/m ³
OEL TWA [ppm]	0.005 ppm
Regulatory reference	Alberta Regulation 87/2009 (Alberta Regulation 182/2019)

Canada (British Columbia) - Occupational Exposure Limits

OEL TWA [ppm]	0.005 ppm
OEL C [ppm]	0.01 ppm
Notations and remarks	S(R) (respiratory sensitization)
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)

Canada (Manitoba) - Occupational Exposure Limits

OEL TWA [ppm]	0.005 ppm
Notations and remarks	TLV® Basis: Resp sens
Regulatory reference	ACGIH

Canada (New Brunswick) - Occupational Exposure Limits

OEL TWA [ppm]	0.005 ppm
Notations and remarks	Resp sens

Canada (Newfoundland and Labrador) - Occupational Exposure Limits

OEL TWA [ppm]	0.005 ppm
Notations and remarks	TLV® Basis: Resp sens
Regulatory reference	ACGIH

Canada (Nova Scotia) - Occupational Exposure Limits

OEL TWA [ppm]	0.005 ppm
Notations and remarks	TLV® Basis: Resp sens
Regulatory reference	ACGIH

Canada (Nunavut) - Occupational Exposure Limits

OEL TWA [ppm]	0.005 ppm
OEL STEL [ppm]	0.015 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016

Canada (Northwest Territories) - Occupational Exposure Limits

OEL TWA [ppm]	0.005 ppm
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Isophorone diisocyanate (4098-71-9)	
OEL STEL [ppm]	0.015 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Prince Edward Island) - Occupational Exposure Limits	
OEL TWA [ppm]	0.005 ppm
Notations and remarks	TLV® Basis: Resp sens
Regulatory reference	ACGIH
Canada (Saskatchewan) - Occupational Exposure Limits	
OEL TWA [ppm]	0.005 ppm
OEL STEL [ppm]	0.015 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1
USA - ACGIH - Occupational Exposure Limits	
Local name	Isophorone diisocyanate
ACGIH OEL TWA [ppm]	0.005 ppm
Remark (ACGIH)	TLV® Basis: Resp sens
Regulatory reference	ACGIH 2020
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)	
Canada (all provinces) - Occupational Exposure Limits	
Remark	OELs not established
USA - ACGIH - Occupational Exposure Limits	
Remark (ACGIH)	OELs not established
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	OELs not established
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidiny ester (82919-37-7)	
Canada (all provinces) - Occupational Exposure Limits	
Remark	OELs not established
USA - ACGIH - Occupational Exposure Limits	
Remark (ACGIH)	OELs not established
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	OELs not established
Benzenesulfonyl isocyanate, 4-methyl- (4083-64-1)	
Canada (all provinces) - Occupational Exposure Limits	
Remark	OELs not established
USA - ACGIH - Occupational Exposure Limits	
Remark (ACGIH)	OELs not established
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	OELs not established

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Benzene, trimethyl- (25551-13-7)	
Canada (Alberta) - Occupational Exposure Limits	
OEL TWA [ppm]	25 ppm
Notations and remarks	CNS impair; asthma; hematologic eff
Canada (British Columbia) - Occupational Exposure Limits	
OEL TWA [ppm]	25 ppm
Notations and remarks	CNS impair; asthma; hematologic eff
Canada (Manitoba) - Occupational Exposure Limits	
OEL TWA [ppm]	25 ppm
Notations and remarks	CNS impair; asthma; hematologic eff
Canada (New Brunswick) - Occupational Exposure Limits	
OEL TWA [ppm]	25 ppm
Notations and remarks	CNS impair; asthma; hematologic eff
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
OEL TWA [ppm]	25 ppm
Notations and remarks	CNS impair; asthma; hematologic eff
Canada (Nova Scotia) - Occupational Exposure Limits	
OEL TWA [ppm]	25 ppm
Notations and remarks	CNS impair; asthma; hematologic eff
Canada (Nunavut) - Occupational Exposure Limits	
OEL TWA [ppm]	25 ppm
Notations and remarks	CNS impair; asthma; hematologic eff
Canada (Northwest Territories) - Occupational Exposure Limits	
OEL TWA [ppm]	25 ppm
Notations and remarks	CNS impair; asthma; hematologic eff
Canada (Prince Edward Island) - Occupational Exposure Limits	
OEL TWA [ppm]	25 ppm
Notations and remarks	CNS impair; asthma; hematologic eff
Canada (Saskatchewan) - Occupational Exposure Limits	
OEL TWA [ppm]	25 ppm
OEL STEL [ppm]	30 ppm
USA - ACGIH - Occupational Exposure Limits	
Local name	Trimethyl benzene (mixed isomers)
ACGIH OEL TWA [ppm]	25 ppm
Remark (ACGIH)	CNS impair; asthma; hematologic eff
Regulatory reference	ACGIH 2018
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA [1]	125 mg/m ³

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Benzene, trimethyl- (25551-13-7)	
OSHA PEL TWA [2]	25 ppm
Cumene (98-82-8)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Cumene
OEL TWA	246 mg/m ³
OEL TWA [ppm]	50 ppm
Notations and remarks	Eye, skin, & URT irr; CNS impair
Regulatory reference	Alberta Regulation 87/2009 (Alberta Regulation 150/2020)
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Cumene
OEL TWA [ppm]	25 ppm
OEL STEL [ppm]	75 ppm
Notations and remarks	IARC group 2B carcinogen
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
OEL TWA [ppm]	5 ppm
Notations and remarks	TLV® Basis: URT adenoma; neurological eff. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH
Canada (New Brunswick) - Occupational Exposure Limits	
OEL TWA [ppm]	50 ppm
Notations and remarks	Eye, skin, & URT irr; CNS impair
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
OEL TWA [ppm]	5 ppm
Notations and remarks	TLV® Basis: URT adenoma; neurological eff. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH
Canada (Nova Scotia) - Occupational Exposure Limits	
OEL TWA [ppm]	5 ppm
Notations and remarks	TLV® Basis: URT adenoma; neurological eff. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH
Canada (Nunavut) - Occupational Exposure Limits	
OEL TWA [ppm]	50 ppm
OEL STEL [ppm]	74 ppm
Notations and remarks	Eye, skin, & URT irr; CNS impair
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016

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Cumene (98-82-8)	
Canada (Northwest Territories) - Occupational Exposure Limits	
OEL TWA [ppm]	50 ppm
OEL STEL [ppm]	74 ppm
Notations and remarks	Eye, skin, & URT irr; CNS impair
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Prince Edward Island) - Occupational Exposure Limits	
OEL TWA [ppm]	5 ppm
Notations and remarks	TLV® Basis: URT adenoma; neurological eff. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH
Canada (Saskatchewan) - Occupational Exposure Limits	
OEL TWA [ppm]	50 ppm
OEL STEL [ppm]	74 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1
USA - ACGIH - Occupational Exposure Limits	
Local name	Cumene
ACGIH OEL TWA [ppm]	50 ppm
Remark (ACGIH)	TLV® Basis: URT adenoma; neurological eff. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2021
USA - OSHA - Occupational Exposure Limits	
Local name	Cumene
OSHA PEL TWA [1]	245 mg/m ³
OSHA PEL TWA [2]	50 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Benzene, 1-chloro-4-(trifluoromethyl)- (98-56-6)	
Canada (all provinces) - Occupational Exposure Limits	
Remark	OELs not established
USA - ACGIH - Occupational Exposure Limits	
Remark (ACGIH)	OELs not established
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	OELs not established
Dibutyltin dilaurate (77-58-7)	
Canada (all provinces) - Occupational Exposure Limits	
Remark	OELs not established
USA - ACGIH - Occupational Exposure Limits	
Remark (ACGIH)	OELs not established

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Dibutyltin dilaurate (77-58-7)	
Canada (all provinces) - Occupational Exposure Limits	
Remark	OELs not established
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	OELs not established
Talc (14807-96-6)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Talc
OEL TWA	2 mg/m ³ (respirable particulate)
Regulatory reference	Alberta Regulation 87/2009 (Alberta Regulation 150/2020)
Canada (Quebec) - Occupational Exposure Limits	
VEMP (OEL TWA)	2 mg/m ³ (containing no Asbestos and <1% Crystalline silica-respirable dust)
Canada (British Columbia) - Occupational Exposure Limits	
OEL TWA	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate)
Canada (Manitoba) - Occupational Exposure Limits	
OEL TWA	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-particulate matter, respirable particulate matter)
OEL TWA [ppm]	0.1 fibers/cm ³ (Containing asbestos fibers. F - Respirable fibers)
Notations and remarks	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis; pulm func. Notations: A4 Containing asbestos fibers = TLV® Basis: Pneumoconiosis; lung cancer; mesothelioma. Notations: A1 (Confirmed Human Carcinogen)
Regulatory reference	ACGIH
Canada (New Brunswick) - Occupational Exposure Limits	
OEL TWA	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction)
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
OEL TWA	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-particulate matter, respirable particulate matter)
OEL TWA [ppm]	0.1 fibers/cm ³ (Containing asbestos fibers. F - Respirable fibers)
Notations and remarks	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis; pulm func. Notations: A4 Containing asbestos fibers = TLV® Basis: Pneumoconiosis; lung cancer; mesothelioma. Notations: A1 (Confirmed Human Carcinogen)
Regulatory reference	ACGIH
Canada (Nova Scotia) - Occupational Exposure Limits	
OEL TWA	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-particulate matter, respirable particulate matter)
OEL TWA [ppm]	0.1 fibers/cm ³ (Containing asbestos fibers. F - Respirable fibers)
Notations and remarks	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis; pulm func. Notations: A4 Containing asbestos fibers = TLV® Basis: Pneumoconiosis; lung cancer; mesothelioma. Notations: A1 (Confirmed Human Carcinogen)
Regulatory reference	ACGIH

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Talc (14807-96-6)	
Canada (Nunavut) - Occupational Exposure Limits	
OEL TWA	2 mg/m ³ (respirable fraction)
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016
Canada (Northwest Territories) - Occupational Exposure Limits	
OEL TWA	2 mg/m ³ (respirable fraction)
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
OEL TWA	2 mg/m ³ (containing no Asbestos and <1% Crystalline silica-respirable fraction)
Canada (Prince Edward Island) - Occupational Exposure Limits	
OEL TWA	2 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica-particulate matter, respirable particulate matter)
OEL TWA [ppm]	0.1 fibers/cm ³ (Containing asbestos fibers. F - Respirable fibers)
Notations and remarks	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis; pulm func. Notations: A4 Containing asbestos fibers = TLV® Basis: Pneumoconiosis; lung cancer; mesothelioma. Notations: A1 (Confirmed Human Carcinogen)
Regulatory reference	ACGIH
Canada (Saskatchewan) - Occupational Exposure Limits	
OEL TWA	2 mg/m ³ (respirable fraction)
Regulatory reference	The Occupational Health and Safety Regulations, 1996. Chapter O-1.1 Reg 1
Canada (Yukon) - Occupational Exposure Limits	
OEL TWA	20 mppcf
USA - ACGIH - Occupational Exposure Limits	
Local name	Talc
ACGIH OEL TWA	2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction
ACGIH OEL TWA [ppm]	0.1 fibers/cm ³ (Containing asbestos fibers. F - Respirable fibers)
Remark (ACGIH)	Containing no asbestos fibers = TLV® Basis: Pulm fibrosis; pulm func. Notations: A4 Containing asbestos fibers = TLV® Basis: Pneumoconiosis; lung cancer; mesothelioma. Notations: A1 (Confirmed Human Carcinogen)
ACGIH chemical category	Not Classifiable as a Human Carcinogen containing no asbestos fibers
Regulatory reference	ACGIH 2021
USA - OSHA - Occupational Exposure Limits	
Local name	Talc (not containing asbestos) (Silicates (less than 1% crystalline silica))
OSHA PEL TWA [2]	20 mppcf if 1% Quartz or more, use Quartz limit
Remark (OSHA)	Table Z-3. CAS No. source: eCFR Table Z-1.
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts

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8.2. Appropriate engineering controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Protective goggles. Wear chemically impervious apron over labcoat and full coverage clothing. In case of inadequate ventilation wear respiratory protection.

Hand protection:

Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

Eye protection:

Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to airborne particles.

Skin and body protection:

Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure. Wear other suitable protective clothing as needed such as a chemically impervious apron

Respiratory protection:

Use NIOSH (or other equivalent national standard) -approved dust/particulate respirator. Where vapour, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid
Colour	: Neutral
Odour	: Mild aromatic
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (n-butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 43.3 °C (110 °F)

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Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 10 – 10.3 lb/gal
Solubility	: Reacts with water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content : 90 g/l EPA 24 Method VOC

SECTION 10: Stability and reactivity

Reactivity	: No data available.
Chemical stability	: Stable under recommended handling and storage conditions (see section 7).
Possibility of hazardous reactions	: Reacts with water.
Conditions to avoid	: Strong acids. Strong bases. Strong oxidizing agents. Moisture.
Incompatible materials	: None known.
Hazardous decomposition products	: Can be released in case of fire: carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen cyanide.
Hardening time:	: No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Isophorone diisocyanate (4098-71-9)

LD50 oral rat	1097 mg/kg
LD50 dermal rabbit	1060 – 4780 mg/kg
LC50 Inhalation - Rat	0.135 mg/l/4h (mist)

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)

LD50 oral rat	2615 mg/kg
ATE CA (oral)	2615 mg/kg bodyweight

Benzenesulfonyl isocyanate, 4-methyl- (4083-64-1)

LD50 oral rat	2234 mg/kg
LC50 Inhalation - Rat [ppm]	> 640 ppm/1h

Benzene, trimethyl- (25551-13-7)

LD50 oral rat	8970 mg/kg
ATE CA (oral)	8970 mg/kg bodyweight

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Cumene (98-82-8)	
LD50 oral rat	2910 mg/kg Source: HSDB
LD50 oral	2700 mg/kg bodyweight
LD50 dermal rabbit	12300 µl/kg
LC50 Inhalation - Rat [ppm]	> 3577 ppm 6 h
ATE CA (Dermal)	12300 mg/kg bodyweight

Benzene, 1-chloro-4-(trifluoromethyl)- (98-56-6)	
LD50 oral rat	13 g/kg
LD50 dermal rabbit	> 2 ml/kg
LC50 Inhalation - Rat	33 mg/l/4h
ATE CA (oral)	13000 mg/kg bodyweight
ATE CA (vapours)	33 mg/l/4h
ATE CA (dust,mist)	33 mg/l/4h

Dibutyltin dilaurate (77-58-7)	
LD50 oral rat	45 mg/kg
LD50 dermal rabbit	630 mg/kg

Talc (14807-96-6)	
LD50 oral rat	> 5000 mg/kg Source: ECHA
LD50 dermal rat	> 2000 mg/kg Source: ECHA
LC50 Inhalation - Rat (Dust/Mist)	> 2.1 mg/l Source: ECHA

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ cell mutagenicity	: Suspected of causing genetic defects.
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: May damage fertility or the unborn child.
STOT-single exposure	: Not classified
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified
Symptoms/effects	: May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing genetic defects. Suspected of causing cancer. May damage fertility. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure.
Symptoms/effects after inhalation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Direct contact with eyes is likely to be irritating.
Symptoms/effects after ingestion	: May cause gastrointestinal irritation.
Chronic symptoms	: Suspected of causing cancer. Suspected of causing genetic defects. May damage fertility. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure.

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No information available.
Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Obtain the consent of pollution control authorities before discharging to wastewater treatment plants. No discharges to surface waters are allowed without authorization under the Wastewater Systems Effluent Regulations. Follow all national, provincial and local requirements for wastewater discharge.
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with national, provincial and local regulations. Do not allow the product to be released into the environment.

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

14.1. UN number

UN-No. (TDG) : UN1263
DOT NA No : Not applicable
UN-No. (IMDG) : 1263
UN-No. (IATA) : 1263

14.2. UN proper shipping name

Proper Shipping Name (TDG) : PAINT
Proper Shipping Name (DOT) : Not applicable
Proper Shipping Name (IMDG) : PAINT
Proper Shipping Name (IATA) : Paint

14.3. Transport hazard class(es)

TDG
Transport hazard class(es) (TDG) : 3
Hazard labels (TDG) : 3

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DOT

Transport hazard class(es) (DOT) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : 3

Danger labels (IMDG) : 3



IATA

Transport hazard class(es) (IATA) : 3

Danger labels (IATA) : 3



14.4. Packing group

Packing group (TDG) : III

Packing group (DOT) : Not applicable

Packing group (IMDG) : III

Packing group (IATA) : III

14.5. Environmental hazards

Dangerous for the environment : Yes

Marine pollutant : Yes



Other information : No supplementary information available.

14.6. Special precautions for user

TDG

UN-No. (TDG) : UN1263

TDG Special Provisions : 59 - Substances that are listed by name in Schedule 1 must not be transported under this shipping name. Substances transported under this shipping name may contain not more than 20% nitrocellulose if the nitrocellulose contains not more than 12.6% nitrogen (by dry mass), 142 - The following shipping names may be used to meet the requirements of Part 3 (Documentation) and Part 4 (Dangerous Goods Safety Marks) when these dangerous goods are offered for transport in the same means of containment:
(a) "PAINT RELATED MATERIAL" may be used for a means of containment containing both paint and paint related material;
(b) "PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE" may be used for a means of containment containing both paint, corrosive, flammable, and paint related material, corrosive, flammable;

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(c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and
(d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material.

Explosive Limit and Limited Quantity Index : 5 L
Excepted quantities (TDG) : E1
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index : 60 L

DOT

No data available

IMDG

Special provisions (IMDG) : 163, 223, 367, 955
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
Special packing provisions (IMDG) : PP1
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T2
Tank special provisions (IMDG) : TP1, TP29
EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage) : S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER
Stowage category (IMDG) : A
Properties and observations (IMDG) : Miscibility with water depends upon the composition.

IATA

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y344
PCA limited quantity max net quantity (IATA) : 10L
PCA packing instructions (IATA) : 355
PCA max net quantity (IATA) : 60L
CAO packing instructions (IATA) : 366
CAO max net quantity (IATA) : 220L
Special provisions (IATA) : A3, A72, A192
ERG code (IATA) : 3L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

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All chemical substances in this product are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL) or are exempt.

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15.2. International regulations

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All chemical substances in this product are listed as "Active" in the EPA (Environmental Protection Agency) "TSCA Inventory Notification (Active-Inactive) Requirements Rule" ("the Final Rule") of Feb. 2019, as amended Feb. 2021, or are otherwise exempt or regulated by other agencies such as FDA or FIFRA.

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

SECTION 16: Other information

Issue date : ~~52 November 2021~~

Other information : Author: EMA.

Safety Data Sheet (SDS), Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.