

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : Gentoo Part A

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Component, Coating solution
Recommended use : Coating solution, Two-part coating system, Read label before use
Restrictions on use : Professional use

1.4. Supplier's details

ULTRATECH INTERNATIONAL, INC.
11542 Davis Creek Court
Jacksonville, FL 32256
USA
T +1 (904) 292-1611
info@ultratechbrands.com - www.ultratechbrands.com

1.5. Emergency phone number

Emergency number : (Chemical Spills, Leaks, Fire, Exposure or Accident only): CHEMTREC 1-800-424-9300 (in the US), 1-703-527-3887 (Outside the US)

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable liquid, Category 2	H225	Highly flammable liquid and vapor.
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336	May cause drowsiness or dizziness.

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger
Hazard statements (GHS US) : H225 - Highly flammable liquid and vapor
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
Precautionary statements (GHS US) : 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, lighting, ventilating equipment.

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P242 - Use non-sparking tools.
P243 - Take action to prevent static discharges.
P261 - Avoid breathing vapors, spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves, protective clothing, eye protection.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
P312 - Call a poison center or doctor if you feel unwell.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical attention.
P370+P378 - In case of fire: Use alcohol resistant foam, Water fog, carbon dioxide (CO₂), dry extinguishing powder to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

None known

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : None known.

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

Mixtures

Name	Product identifier	Conc. (% w/w)
Propan-2-ol	CAS-No.: 67-63-0	45-70
Tetraethyl silicate (Ethyl Silicate)	CAS-No.: 78-10-4	7-13

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : Get medical advice/attention if you feel unwell.
First-aid measures after inhalation : Move the affected person to fresh air. Get medical attention if symptoms occur.
First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion : Rinse mouth out with water. Get medical advice/attention if you feel unwell.

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4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects	: May cause respiratory irritation. Inhalation may affect the nervous system causing headache, possibly dizziness, nausea, weakness, loss of coordination and unconsciousness. Causes serious eye irritation. May cause slight irritation to the skin. Symptoms of ingestion include drowsiness, weakness, headache, dizziness, nausea, vomiting.
Inhalation	: May cause irritation to the respiratory tract. Inhalation may affect the nervous system causing headache, possibly dizziness, nausea, weakness, loss of coordination and unconsciousness.
Skin	: May cause slight irritation to the skin.
Eyes	: Causes serious eye irritation.
Ingestion	: Irritation to the digestive tract. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.
Chronic symptoms	: No chronic health hazards are likely for this material.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: None under normal conditions. Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use dry chemical, CO ₂ , water spray or alcohol-resistant foam.
Unsuitable extinguishing media	: Do not use a solid water stream as it may scatter and spread fire.

5.2. Specific hazards arising from the chemical

Fire hazard	: Highly flammable liquid and vapor. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors. Keep away from open flames, hot surfaces and sources of ignition.
Explosion hazard	: May form flammable/explosive vapor-air mixture.
Hazardous decomposition products in case of fire	: Carbon oxides (CO, CO ₂). Silicon oxides. Hydrogen fluoride. Carbonyl fluoride.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. On heating, there is a risk of bursting due to internal pressure build-up. Cool down the containers exposed to heat with a water spray.
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SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Evacuate area. Eliminate ignition sources. Ventilate area. Do not breathe vapors. Do not get in eyes, on skin, or on clothing. Do not touch or walk on the spilled product. Wear suitable protective clothing. Stop leak if safe to do so.
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For non-emergency personnel

Emergency procedures	: No flames, no sparks. Eliminate all sources of ignition. Ventilate area. Only qualified personnel equipped with suitable protective equipment may intervene. Keep unnecessary and unprotected personnel away from the spillage.
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For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Environmental precautions	: Avoid release to the environment. Notify authorities if liquid enters sewers or public waters.

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6.2. Methods and materials for containment and cleaning up

For containment	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	: Take up liquid spill into absorbent material. Ventilate area. No open flames, no sparks, and no smoking. Use non-sparking tools. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13). Use personal protective equipment as required.
Other information	: Notify authorities if product enters sewers or public waters.

For further information refer to section 8: "Exposure controls/personal protection". For disposal of contaminated materials refer to section 13: "Disposal considerations".

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Two-part coating system. Do not handle until all safety precautions have been read and understood. Read carefully and follow all instructions. Ensure adequate ventilation. Use only outdoors or in a well-ventilated area. Avoid breathing mist, Spray, vapors. Avoid contact with eyes, skin and clothing. Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Keep container closed when not in use. Empty containers retain product residue and can be hazardous. Handle in accordance with good industrial hygiene and safety procedures.
Technical measures	: Use explosion-proof equipment.
Hygiene measures	: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

Technical measures	: Take precautionary measures against static discharge. Use explosion-proof ventilating, lighting, electrical equipment.
Storage conditions	: Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Strong oxidizers.
Incompatible materials	: Strong oxidizers. Strong acids. Strong bases.
Specific end uses	: Component. Coating solution.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Propan-2-ol (67-63-0)	
USA - ACGIH® - Threshold Limit Values	
Local name	2-Propanol
ACGIH® TLV® TWA	491 mg/m ³
	200 ppm
ACGIH® TLV® STEL	984 mg/m ³
	400 ppm
Remark (ACGIH®)	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI

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Propan-2-ol (67-63-0)

Regulatory reference	ACGIH 2022
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USA - ACGIH® - Biological Exposure Indices

Local name	2-Propanol
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BEI (BLV)	40 mg/l Parameter: Acetone - Medium: urine - Sampling time: End of shift at end of workweek - Notations: B, Ns
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Regulatory reference	ACGIH 2025
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USA - OSHA - Occupational Exposure Limits

Local name	Isopropyl alcohol
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OSHA PEL (TWA)	980 mg/m ³
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	400 ppm
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Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
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Tetraethyl silicate (Ethyl Silicate) (78-10-4)

USA - ACGIH® - Threshold Limit Values

Local name	Ethyl silicate
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ACGIH® TLV® TWA	85 mg/m ³
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	10 ppm
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Remark (ACGIH®)	TLV® Basis: URT & Eye irr; Kidney & Liver dam
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Regulatory reference	ACGIH 2025
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USA - OSHA - Occupational Exposure Limits

Local name	Ethyl silicate
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OSHA PEL (TWA)	850 mg/m ³
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	100 ppm
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Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
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8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure adequate ventilation. Use explosion-proof equipment. Take precautionary measures against static discharge.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Materials for protective clothing:

Wear suitable protective clothing

Hand protection:

Chemically resistant protective gloves. Consult glove manufacturer's product information on material suitability and material thickness.

Eye protection:

Chemical goggles

Skin and body protection:

Wear suitable protective clothing

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Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection. In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

Thermal hazard protection:

Not applicable.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear. Amber Liquid.
Color	: Amber
Odor	: Alcohol Characteristic
Odor threshold	: Not determined
pH	: Not determined
Melting point	: Not applicable
Freezing point	: Not determined
Boiling point	: 83 °C
Flash point	: 12 °C
Flammability (solid, gas)	: Highly flammable liquid and vapor.
Vapor pressure	: Not determined
Relative vapor density at 20°C	: > 1
Relative density	: 0.898
Solubility	: Not determined.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: 399 °C
Decomposition temperature	: No data available
Viscosity, kinematic	: 3.92 mm ² /s
Explosion limits	: Lower explosion limit: 1 Vol-% Upper explosion limit: 12 Vol-%
Explosive properties	: vapors may form flammable and explosive mixture with air.
Oxidizing properties	: Not oxidising.
Particle characteristics	: Particle characteristics : Not applicable

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Highly flammable liquid and vapor.

10.4. Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

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10.5. Incompatible materials

Strong oxidizers. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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

Propan-2-ol (67-63-0)

LD50 oral rat	5840 mg/kg
LD50 dermal rabbit	12800 mg/kg
LC50 Inhalation - Rat [ppm]	1666.66 ppm/1h

Tetraethyl silicate (Ethyl Silicate) (78-10-4)

LD50 oral rat	> 2500 mg/kg
LD50 dermal rabbit	5900 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	10 mg/l

Skin corrosion/irritation : Not classified
pH: Not determined
Serious eye damage/irritation : Causes serious eye irritation.
pH: Not determined
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Propan-2-ol (67-63-0)

IARC group	3 - Not classifiable
Reproductive toxicity	: Not classified

Tetraethyl silicate (Ethyl Silicate) (78-10-4)

NOAEL (animal/male, F0/P)	10 mg/kg body weight (rat) (OECD 422 method)
NOAEL (animal/female, F0/P)	50 mg/kg body weight (rat) (OECD 422 method)
STOT-single exposure	: May cause drowsiness or dizziness.

Propan-2-ol (67-63-0)

STOT-single exposure	May cause drowsiness or dizziness.
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Tetraethyl silicate (Ethyl Silicate) (78-10-4)

STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified

Tetraethyl silicate (Ethyl Silicate) (78-10-4)

NOAEL (oral, rat, 28 days)	10 mg/kg bw/day
NOAEC (inhalation, rat, 90 days)	88 ppm

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Aspiration hazard : Not classified

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Viscosity, kinematic : 3.92 mm²/s

Symptoms/effects : May cause respiratory irritation. Inhalation may affect the nervous system causing headache, possibly dizziness, nausea, weakness, loss of coordination and unconsciousness. Causes serious eye irritation. May cause slight irritation to the skin. Symptoms of ingestion include drowsiness, weakness, headache, dizziness, nausea, vomiting.

Inhalation : May cause irritation to the respiratory tract. Inhalation may affect the nervous system causing headache, possibly dizziness, nausea, weakness, loss of coordination and unconsciousness.

Skin : May cause slight irritation to the skin.

Eyes : Causes serious eye irritation.

Ingestion : Irritation to the digestive tract. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination.

Chronic symptoms : No chronic health hazards are likely for this material.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : Avoid release to the environment. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Propan-2-ol (67-63-0)

LC50 - Fish [1]	10000 mg/l Pimephales promelas (Fathead minnow)
EC50 - Crustacea [1]	1000 mg/l
LC50 - Fish [2]	9640 mg/l Pimephales promelas (Fathead minnow)
ErC50 algae	1000 mg/l
NOEC chronic crustacea	100 mg/l

Tetraethyl silicate (Ethyl Silicate) (78-10-4)

LC50 - Fish [1]	> 245 mg/l Danio rerio (Zebrafish)
EC50 - Crustacea [1]	> 75 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	> 46 mg/l Pseudokirchneriella subcapitata

12.2. Persistence and degradability

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Persistence and degradability : No additional information available.

Propan-2-ol (67-63-0)

Persistence and degradability : Readily biodegradable.

Chemical oxygen demand (COD) : 2.23 g O₂/g substance

Tetraethyl silicate (Ethyl Silicate) (78-10-4)

Persistence and degradability : Rapidly degradable

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12.3. Bioaccumulative potential

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Bioaccumulative potential Not established.

Propan-2-ol (67-63-0)

BCF - Fish [1] 3

Partition coefficient n-octanol/water (Log Kow) 0.05

Tetraethyl silicate (Ethyl Silicate) (78-10-4)

Partition coefficient n-octanol/water (Log Kow) 1.4 (estimated value)

12.4. Mobility in soil

Propan-2-ol (67-63-0)

Organic Carbon Normalized Adsorption Coefficient (Log Koc) 1.5

12.5. Other adverse effects





Ozone : Not classified
Other adverse effects : None known.
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Dispose in a safe manner in accordance with local/national regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information : Empty containers retain product residue and can be hazardous. Handle empty containers with care because residual vapors are flammable.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
UN1263	UN1263	1263	1263
14.2. Proper Shipping Name			
Paint	PAINT	PAINT	Paint
Transport document description			
UN1263 Paint, 3, II	UN1263 PAINT, 3, II	UN 1263 PAINT, 3, II (12°C c.c.)	UN 1263 Paint, 3, II
14.3. Transport hazard class(es)			
3	3	3	3
			

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DOT	TDG	IMDG	IATA
14.4. Packing group			
II	II	II	II
14.5. Environmental hazards			
Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available			

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

UN-No. (DOT) : UN1263

TDG

UN-No. (TDG) : UN1263

Emergency Response Guide (ERG) Number : 128

IMDG

No data available

IATA

No data available

SECTION 15 Regulatory information

15.1. Federal regulations

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SARA Section 311/312 Hazard Classes	Refer to Section 2 for OSHA Hazard Classification.
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This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

No additional information available

SECTION 16 Other information

according to the Hazardous Products Regulation (WHMIS 2015)

Revision date : 5/19/2026

Issue date : 5/19/2026

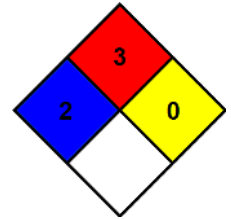
Full text of hazard classes and H-statements	
H225	Highly flammable liquid and vapor
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

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- NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
- NFPA fire hazard : 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.
- NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



- Hazard Rating
- Health : 2 Moderate Hazard
- Flammability : 3 Serious Hazard
- Physical : 0 Minimal Hazard

Indication of changes:
New version. All chapters have been modified since the previous version.

Safety Data Sheet (SDS), Canada

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