



Safety Data Sheet
acc. to OSHA HCS

Printing date 07/15/2025

Reviewed on 07/15/2025

1 Identification

- **Product identifier**
- **Trade name:** HIT_77653-1(4) LV QUICKSAND URETHANE PRIMER (BUFF)
- **Article number:** 77653
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
HIGH TECK PRODUCTS
PO BOX 24631
WEST PALM BEACH, FLORIDA 33416
USA
877-900-8325
info@highteckproducts.com
- **Information department:** Product safety department
- **Emergency telephone number:** 800 424-9300 (Chemtrec)

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flammable Liquids 2

H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Germ Cell Mutagenicity 1B

H340 May cause genetic defects.

Carcinogenicity 1A

H350 May cause cancer.

Toxic to Reproduction 1B

H360 May damage fertility or the unborn child.



GHS07

Skin Irritation 2

H315 Causes skin irritation.

Eye Irritation 2A

H319 Causes serious eye irritation.

Specific Target Organ Toxicity - Single Exposure 3 H336 May cause drowsiness or dizziness.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

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- **Hazard pictograms**



GHS02 GHS07 GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

4-chloro-alpha,alpha,alpha-trifluorotoluene
 n-butyl acetate
 Stoddard solvent
 dibutyltin dilaurate

- **Hazard statements**

Highly flammable liquid and vapor.
 Causes skin irritation.
 Causes serious eye irritation.
 May cause genetic defects.
 May cause cancer.
 May damage fertility or the unborn child.
 May cause drowsiness or dizziness.

- **Precautionary statements**

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 Ground/bond container and receiving equipment.
 Use explosion-proof electrical/ventilating/lighting/equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Avoid breathing 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.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 IF exposed or concerned: Get medical advice/attention.
 Call a poison center/doctor if you feel unwell.
 Specific treatment (see on this label).
 Take off contaminated clothing and wash it before reuse.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 In case of fire: Use CO₂, powder or water spray to extinguish.
 Store in a well-ventilated place. Keep container tightly closed.
 Store in a well-ventilated place. Keep cool.
 Store locked up.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 2
 Fire = 3
 Reactivity = 0

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- **HMIS-ratings (scale 0 - 4)**

HEALTH	2	Health = *2
FIRE	3	Fire = 3
REACTIVITY	0	Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

123-86-4	<i>n</i> -butyl acetate	25-50%
98-56-6	4-chloro- α , α , α -trifluorotoluene	10-25%
1317-65-3	Calcium carbonate	2.5-10%
13463-67-7	titanium dioxide	2.5-10%
67-64-1	acetone	2.5-10%
7727-43-7	barium sulphate, natural	2.5-10%
110-43-0	heptan-2-one	2.5-10%
1330-20-7	xylene	$\leq 2.5\%$
112926-00-8	Precipitated silica (Silica-Amorphous)	$\leq 2.5\%$
100-41-4	ethylbenzene	$\leq 2.5\%$
8052-41-3	Stoddard solvent	$\leq 2.5\%$
64-17-5	ethanol	$\leq 2.5\%$
67-56-1	methanol	$\leq 2.5\%$
77-58-7	dibutyltin dilaurate	$\leq 2.5\%$

4 First-aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

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5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

- **PAC-1:**

123-86-4	n-butyl acetate	5 ppm
13463-67-7	titanium dioxide	30 mg/m ³
67-64-1	acetone	200 ppm
7727-43-7	barium sulphate, natural	15 mg/m ³
110-43-0	heptan-2-one	150 ppm
1330-20-7	xylene	130 ppm
9002-88-4	Polyethylene low density	16 mg/m ³
112926-00-8	Precipitated silica (Silica-Amorphous)	18 mg/m ³
100-41-4	ethylbenzene	33 ppm
8052-41-3	Stoddard solvent	1700 mg/m ³
64-17-5	ethanol	1,800 ppm
67-56-1	methanol	530 ppm
77-58-7	dibutyltin dilaurate	1.1 mg/m ³
108-38-3	m-xylene	130 ppm
1309-37-1	diiron trioxide	15 mg/m ³
122-99-6	2-phenoxyethanol	1.5 ppm
67-63-0	propan-2-ol	400 ppm
14808-60-7	Quartz (SiO ₂)	0.075 mg/m ³
57-55-6	Propylene glycol	30 mg/m ³
78-83-1	butanol	150 ppm

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· PAC-2:		
123-86-4	<i>n</i> -butyl acetate	200 ppm
13463-67-7	titanium dioxide	330 mg/m ³
67-64-1	acetone	3200* ppm
7727-43-7	barium sulphate, natural	170 mg/m ³
110-43-0	heptan-2-one	670 ppm
1330-20-7	xylene	920* ppm
9002-88-4	Polyethylene low density	170 mg/m ³
112926-00-8	Precipitated silica (Silica-Amorphous)	200 mg/m ³
100-41-4	ethylbenzene	1100 ppm
8052-41-3	Stoddard solvent	1800 mg/m ³
64-17-5	ethanol	3300* ppm
67-56-1	methanol	2100 ppm
77-58-7	dibutyltin dilaurate	3.8 mg/m ³
108-38-3	<i>m</i> -xylene	920 ppm
1309-37-1	diiron trioxide	360 mg/m ³
122-99-6	2-phenoxyethanol	16 ppm
67-63-0	propan-2-ol	2000* ppm
14808-60-7	Quartz (SiO ₂)	8.3 mg/m ³
57-55-6	Propylene glycol	1,300 mg/m ³
78-83-1	butanol	1,300 ppm

· PAC-3:		
123-86-4	<i>n</i> -butyl acetate	3000* ppm
13463-67-7	titanium dioxide	2,000 mg/m ³
67-64-1	acetone	5700* ppm
7727-43-7	barium sulphate, natural	990 mg/m ³
110-43-0	heptan-2-one	4000* ppm
1330-20-7	xylene	2500* ppm
9002-88-4	Polyethylene low density	1,000 mg/m ³
112926-00-8	Precipitated silica (Silica-Amorphous)	1,200 mg/m ³
100-41-4	ethylbenzene	1800 ppm
8052-41-3	Stoddard solvent	20000 mg/m ³
64-17-5	ethanol	15000* ppm
67-56-1	methanol	7200 ppm
77-58-7	dibutyltin dilaurate	23 mg/m ³
108-38-3	<i>m</i> -xylene	2500* ppm
1309-37-1	diiron trioxide	2,200 mg/m ³
122-99-6	2-phenoxyethanol	97 ppm
67-63-0	propan-2-ol	12000** ppm
14808-60-7	Quartz (SiO ₂)	50 mg/m ³
57-55-6	Propylene glycol	7,900 mg/m ³
78-83-1	butanol	8000* ppm

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7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
 Ensure good ventilation/exhaustion at the workplace.
 Open and handle receptacle with care.
 Prevent formation of aerosols.
- **Information about protection against explosions and fires:**
 Keep ignition sources away - Do not smoke.
 Protect against electrostatic charges.
 Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
 Keep receptacle tightly sealed.
 Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
 The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
 At this time, the other constituents have no known exposure limits.

123-86-4 n-butyl acetate

PEL	Long-term value: 710 mg/m ³ , 150 ppm
REL	Short-term value: 950 mg/m ³ , 200 ppm Long-term value: 710 mg/m ³ , 150 ppm
TLV	Short-term value: 712 mg/m ³ , 150 ppm Long-term value: 238 mg/m ³ , 50 ppm

67-64-1 acetone

PEL	Long-term value: 2400 mg/m ³ , 1000 ppm
REL	Long-term value: 590 mg/m ³ , 250 ppm
TLV	Short-term value: 1187 mg/m ³ , 500 ppm Long-term value: 594 mg/m ³ , 250 ppm A4, BEI

7727-43-7 barium sulphate, natural

PEL	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV	Long-term value: 5* mg/m ³ *inhalable fraction; E

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110-43-0 heptan-2-onePEL Long-term value: 465 mg/m³, 100 ppmREL Long-term value: 465 mg/m³, 100 ppm

TLV Long-term value: 50 ppm

1330-20-7 xylenePEL Long-term value: 435 mg/m³, 100 ppmREL Short-term value: 655 mg/m³, 150 ppmLong-term value: 435 mg/m³, 100 ppm

TLV Long-term value: 20 ppm

BEI, A4

112926-00-8 Precipitated silica (Silica-Amorphous)PEL 20mppcf or 80mg/m³ /%SiO₂REL Long-term value: 6 mg/m³

See Pocket Guide App. C

TLV TLV withdrawn

100-41-4 ethylbenzenePEL Long-term value: 435 mg/m³, 100 ppmREL Short-term value: 545 mg/m³, 125 ppmLong-term value: 435 mg/m³, 100 ppm

TLV Long-term value: 20 ppm

OTO, BEI, A3

8052-41-3 Stoddard solventPEL Long-term value: 2900 mg/m³, 500 ppmREL Long-term value: 350 mg/m³Ceiling limit value: 1800* mg/m³

*15-min

TLV Long-term value: 525 mg/m³, 100 ppm**64-17-5 ethanol**PEL Long-term value: 1900 mg/m³, 1000 ppmREL Long-term value: 1900 mg/m³, 1000 ppmTLV Short-term value: 1880 mg/m³, 1000 ppm

A3

67-56-1 methanolPEL Long-term value: 260 mg/m³, 200 ppmREL Short-term value: 325 mg/m³, 250 ppmLong-term value: 260 mg/m³, 200 ppm

Skin

TLV Short-term value: 328 mg/m³, 250 ppmLong-term value: 262 mg/m³, 200 ppm

Skin; BEI

77-58-7 dibutyltin dilauratePEL Long-term value: 0.1 mg/m³
as SnREL Long-term value: 0.1 mg/m³
as Sn, SkinTLV Short-term value: 0.2 mg/m³Long-term value: 0.1 mg/m³

as Sn; A4; Skin

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· **Ingredients with biological limit values:**

67-64-1 acetone

BEI 25 mg/L
 Medium: urine
 Time: end of shift
 Parameter: Acetone (nonspecific)

1330-20-7 xylene

BEI 0.3 g/g creatinine
 Medium: urine
 Time: end of shift
 Parameter: Methylhippuric acids

100-41-4 ethylbenzene

BEI 0.15 g/g creatinine
 Medium: urine
 Time: end of shift
 Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)

67-56-1 methanol

BEI 15 mg/L
 Medium: urine
 Time: end of shift
 Parameter: Methanol (background, nonspecific)

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing.
 Wash hands before breaks and at the end of work.
 Store protective clothing separately.
 Avoid contact with the eyes and skin.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· **Eye protection:**

Tightly sealed goggles

9 Physical and chemical properties

· **Information on basic physical and chemical properties**· **General Information**· **Appearance:**

Form:	Liquid
Color:	Gray/Beige
Odor:	Characteristic
Odor threshold:	Not determined.

· **pH-value:** Not determined (pH N/A in solvent coatings)· **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	55.8-56.6 °C (132.4-133.9 °F)

· **Flash point:** <-18 °C (<-0.4 °F)· **Flammability:** Highly flammable.· **Auto igniting:** 370 °C (698 °F)· **Decomposition temperature:** Not determined.· **Ignition temperature:** Product is not selfigniting.· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.· **Explosion limits:**

Lower:	1.2 Vol %
Upper:	7.5 Vol %

· **Vapor pressure at 20 °C (68 °F):** 10.7 hPa (8 mm Hg)· **Vapor pressure at 50 °C (122 °F):** 55 hPa (41.3 mm Hg)· **Density at 20 °C (68 °F):** 1.6007 g/cm³ (13.3578 lbs/gal)· **Relative density** Not determined.· **Vapor density** Not determined.· **Evaporation rate** Not determined.· **Solubility in / Miscibility with**· **Water:** Fully miscible.· **Partition coefficient (n-octanol/water):** Not determined.· **Viscosity:**· **Dynamic:** Not determined.· **Kinematic:** Not determined.· **Solvent content:**· **Organic solvents:** 44.8-49.8 %

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VOC content: 39.27-44.32 %
273.4 g/l / 2.28 lb/gal

Solids content: 66.3 %

· **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
 - **on the skin:** Irritant to skin and mucous membranes.
 - **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
The product can cause inheritable damage.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

98-56-6	4-chloro-alpha, alpha, alpha-trifluorotoluene	2B
13463-67-7	titanium dioxide	2B
1330-20-7	xylene	3
9002-88-4	Polyethylene low density	3
112926-00-8	Precipitated silica (Silica-Amorphous)	3
100-41-4	ethylbenzene	2B
64-17-5	ethanol	1
95-47-6	o-xylene	3
106-42-3	p-xylene	3
108-38-3	m-xylene	3
1309-37-1	diiron trioxide	3
67-63-0	propan-2-ol	3
14808-60-7	Quartz (SiO ₂)	1

- **NTP (National Toxicology Program)**

14808-60-7	Quartz (SiO ₂)	K
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· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

· **UN-Number**
· **DOT, IMDG, IATA** UN1263

· **UN proper shipping name**
· **DOT** Paint
· **IMDG, IATA** PAINT

· **Transport hazard class(es)**
· **DOT**



· **Class** 3 Flammable liquids

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· Label	3
· IMDG, IATA	
	
· Class	3 Flammable liquids
· Label	3
· Packing group	
· DOT, IMDG, IATA	II
· Environmental hazards:	Not applicable.
· Special precautions for user	Warning: Flammable liquids
· Hazard identification number (Kemler code):	33
· EMS Number:	F-E, S-E
· Stowage Category	B
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT	
· Quantity limitations	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN 1263 PAINT, 3, II

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

7727-43-7	barium sulphate, natural
1330-20-7	xylene
100-41-4	ethylbenzene
67-56-1	methanol
95-47-6	o-xylene
106-42-3	p-xylene
108-38-3	m-xylene
122-99-6	2-phenoxyethanol
67-63-0	propan-2-ol

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· TSCA (Toxic Substances Control Act):		
123-86-4	<i>n</i> -butyl acetate	ACTIVE
98-56-6	4-chloro- α,α,α -trifluorotoluene	ACTIVE
1317-65-3	Calcium carbonate	ACTIVE
13463-67-7	titanium dioxide	ACTIVE
67-64-1	acetone	ACTIVE
7727-43-7	barium sulphate, natural	ACTIVE
110-43-0	heptan-2-one	ACTIVE
1330-20-7	xylene	ACTIVE
9002-88-4	Polyethylene low density	ACTIVE
7575-23-7	pentaerythritol tetrakis(3-mercaptopropionate)	ACTIVE
77745-66-5	triisotridecyl phosphite	ACTIVE
100-41-4	ethylbenzene	ACTIVE
51274-00-1	ALPHA-IRON(III) OXIDE	ACTIVE
8052-41-3	Stoddard solvent	ACTIVE
64-17-5	ethanol	ACTIVE
67-56-1	methanol	ACTIVE
77-58-7	dibutyltin dilaurate	ACTIVE
95-47-6	<i>o</i> -xylene	ACTIVE
106-42-3	<i>p</i> -xylene	ACTIVE
108-38-3	<i>m</i> -xylene	ACTIVE
64742-47-8	Distillates (petroleum), hydrotreated light	ACTIVE
1309-37-1	diiron trioxide	ACTIVE
122-99-6	2-phenoxyethanol	ACTIVE
67-63-0	propan-2-ol	ACTIVE
14808-60-7	Quartz (SiO ₂)	ACTIVE
57-55-6	Propylene glycol	ACTIVE
78-83-1	butanol	ACTIVE

· Hazardous Air Pollutants		
1330-20-7	xylene	
100-41-4	ethylbenzene	
67-56-1	methanol	
95-47-6	<i>o</i> -xylene	
106-42-3	<i>p</i> -xylene	
108-38-3	<i>m</i> -xylene	

· Proposition 65

· Chemicals known to cause cancer:		
98-56-6	4-chloro- α,α,α -trifluorotoluene	
13463-67-7	titanium dioxide	
100-41-4	ethylbenzene	
14808-60-7	Quartz (SiO ₂)	

· Chemicals known to cause reproductive toxicity for females:		
None of the ingredients is listed.		

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· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

64-17-5 ethanol

67-56-1 methanol

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

67-64-1	acetone	I
7727-43-7	barium sulphate, natural	D, CBD(inh), NL(oral)
1330-20-7	xylene	I
100-41-4	ethylbenzene	D
95-47-6	o-xylene	I
106-42-3	p-xylene	I
108-38-3	m-xylene	I

· **TLV (Threshold Limit Value)**

13463-67-7	titanium dioxide	A4
67-64-1	acetone	A4
1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3
64-17-5	ethanol	A3
77-58-7	dibutyltin dilaurate	A4
95-47-6	o-xylene	A4
106-42-3	p-xylene	A4
108-38-3	m-xylene	A4
1309-37-1	diiron trioxide	A4
67-63-0	propan-2-ol	A4
14808-60-7	Quartz (SiO ₂)	A2

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

13463-67-7	titanium dioxide
14808-60-7	Quartz (SiO ₂)

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS02 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**

4-chloro-alpha, alpha, alpha-trifluorotoluene

n-butyl acetate

Stoddard solvent

dibutyltin dilaurate

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- **Hazard statements**

Highly flammable liquid and vapor.
 Causes skin irritation.
 Causes serious eye irritation.
 May cause genetic defects.
 May cause cancer.
 May damage fertility or the unborn child.
 May cause drowsiness or dizziness.

- **Precautionary statements**

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 Ground/bond container and receiving equipment.
 Use explosion-proof electrical/ventilating/lighting/equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Avoid breathing 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.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 IF exposed or concerned: Get medical advice/attention.
 Call a poison center/doctor if you feel unwell.
 Specific treatment (see on this label).
 Take off contaminated clothing and wash it before reuse.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 In case of fire: Use CO₂, powder or water spray to extinguish.
 Store in a well-ventilated place. Keep container tightly closed.
 Store in a well-ventilated place. Keep cool.
 Store locked up.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **National regulations:**

- **Information about limitation of use:**

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Contact:**

- **Date of preparation / last revision** 07/15/2025 / -

- **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)

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*NFPA: National Fire Protection Association (USA)**HMIS: Hazardous Materials Identification System (USA)**VOC: Volatile Organic Compounds (USA, EU)**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**NIOSH: National Institute for Occupational Safety**OSHA: Occupational Safety & Health**TLV: Threshold Limit Value**PEL: Permissible Exposure Limit**REL: Recommended Exposure Limit**BEI: Biological Exposure Limit**Flammable Liquids 2: Flammable liquids – Category 2**Skin Irritation 2: Skin corrosion/irritation – Category 2**Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A**Germ Cell Mutagenicity 1B: Germ cell mutagenicity – Category 1B**Carcinogenicity 1A: Carcinogenicity – Category 1A**Toxic to Reproduction 1B: Reproductive toxicity – Category 1B**Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3*

USA