



Great Stuff™ Extreme Sealant - CLEAR

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Not Applicable
CAS No.	Mixture
Trade Name	Great Stuff® Extreme Sealant- CLEAR
Product Code	None

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Sealant Product
Uses Advised Against	None

Company Identification	Finish Line Technologies, Inc. 50 Wireless Blvd. Hauppauge, NY 11733
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Telephone	(631) 666-7300
Fax	(631) 666-7391

E-Mail (competent person)	SDSinfo@finishlineusa.com
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Emergency telephone number

Emergency Phone No.

Medical Emergency: ProPharma Group:
24 hr: 1-800-217-5157 / 1-651-523-0304
Transportation Emergency: CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Flam. Aerosol 1; Gases under Pressure, Liquefied gas; Repr. 2; STOT SE 3; STOT RE 2; Skin Sens. 1; Skin Irrit. 2; Eye Irrit. 2; Asp. Tox. 1

Label elements

Hazard Symbol



DANGER

Signal word(s)

Hazard Statement(s)

Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
Suspected of damaging the unborn child.
May cause damage to organs: Kidneys
May cause damage to organs through prolonged or repeated exposure:
Inhalation - neuropsychological effects, auditory dysfunction and effects on colour vision.
May cause drowsiness or dizziness.
May cause an allergic skin reaction.
Causes skin irritation.
Causes serious eye irritation.
May be harmful if swallowed and enters airways.

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Precautionary Statement(s)

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.
 Do not spray on an open flame or other ignition source.
 Do not pierce or burn, even after use.
 Do not breathe mist/vapours/spray.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Wash hands and exposed skin after use.
 Use only outdoors or in a well-ventilated area.
 Do not eat, drink or smoke when using this product.
 Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.

Other hazards

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Toluene	25 - 35	108-88-3	Flam. Liq. 2; H225 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Repr. 2; H361 STOT-SE 3; H336 STOT- RE 2; H373 Asp. Tox. 1; H304 Aquatic Acute 2; H401 Aquatic Chronic 3; H412
Methyl acetate	15 - 25	79-20-9	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT-SE 3; H336
Propane	12 - 20	74-98-6	Flam. Gas 1; H220 Press. Gas (Liquefied); H280
n-Butane	5 - 10	106-97-8	Flam. Gas 1; H220 Press. Gas (Liquefied); H280
Distillates (petroleum), Light distilltes hydrotreated process, low-boiling	1 - 5	68410-97-9	Flam. Liq. 1; H224 Asp. Tox. 1; H304
Naptha (petroleum) hydrotreated light	1 - 5	64742-49-0	Flam. Liq. 2; H225 Skin Irrit. 2; H315 STOT-SE 3; H336 Asp. Tox. 1; H304 Aquatic Acute 2; H401 Aquatic Chronic 2; H411
3-Glycidyl-oxypropyl-trimethoxy-silane	≤ 1	2530-83-8	Eye Dam. 1; H318
Poly(oxy-1,2-ethanediyl), alpha-(3-(3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl)-1-oxopropyl)-omega-hydroxy-	< 1	104810-48-2	Skin Sens. 1; H317 Aquatic Acute 2; H401 Aquatic Chronic 2; H411
Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]-	< 1	104810-47-1	Skin Sens. 1; H317 Aquatic Acute 2; H401 Aquatic Chronic 2; H411

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Decanedioic acid, 1,10-bis(1,2,2,6,6-pentamethyl-4-piperidiny) ester	< 1	41556-26-7	Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
n-butyl acetate	< 1	123-86-4	Flam. Liq. 3: H226 STOT-SE 3; H336
Decanedioic acid, 1-methyl 10-(1,2,2,6,6-pentamethyl-4-piperidiny) ester	< 1	82919-37-7	Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410
Styrene-Ethylene Butylene-Styrene Polymer	5 - 10	66070-58-4	Not classified as dangerous for supply/use.
Benzene, ethenyl-, polymer with (1-methylethenyl)benzene	4 - 10	9011-11-4	Not classified as dangerous for supply/use.

Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.: **None**

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation	Remove persons affected by vapour to fresh air. If breathing is labored, administer oxygen. Call a POISON CENTER/doctor if you feel unwell.
Skin Contact	Wash affected skin with soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
Ingestion	Do not give anything by mouth to an unconscious person. Seek medical treatment. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed May be harmful if swallowed and enters airways.

Indication of any immediate medical attention and special treatment needed IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

-Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or water spray.
-Unsuitable Extinguishing Media	Do not use water jet.

Special hazards arising from the substance or mixture

Extremely flammable aerosol.

Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Eliminate all ignition sources if safe to do so. Wear protective gloves/protective clothing/eye protection/face protection. Avoid contact with skin and eyes. Do not breathe mist/vapours/spray.
Environmental precautions	Prevent liquid entering sewers, basements and work pits. Avoid release to the environment.
Methods and material for containment and cleaning up	Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.
Reference to other sections	None
Additional Information	None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid contact with skin and eyes. Use product in a well-ventilated area only. Do not breathe mist/vapours/spray.
Conditions for safe storage, including any incompatibilities	
-Storage temperature	Keep in a cool, well ventilated place. Protect from sunlight. Store at temperatures not exceeding 50 °C / 122 °F. Keep container tightly closed.
-Incompatible materials	This product should be stored away from sources of strong heat and oxidizing chemicals. Avoid contact with: Strong acids, strong bases,
Specific end use(s)	Coating / Leak Seal

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Toluene	108-88-3	200	20	300*	-----	*10-min. Ceiling
Methyl acetate	79-20-9	200 ppm	200 ppm	-----	250 ppm	-----
n-Butane	106-97-8	-----	250 ppm	-----	-----	-----
Propane	74-98-6	1000 ppm	Aspyx.#	-----	-----	#
Alkanes (C4-C11)	-----	-----	1200 mg/m3	-----	-----	-----

#Assure minimum oxygen content of work atmosphere.

Recommended monitoring method

NIOSH 1300 (Ketones I); NIOSH 1458 (Methyl Acetate); NIOSH 1500 (hydrocarbons, B.P. 36 - 126 °C); NIOSH 1550 (Naphthas)

Exposure controls

Appropriate engineering controls

Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

Personal protection equipment

Eye/face protection

Wear protective eyewear (goggles, face shield, or safety glasses).



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Skin protection (Hand protection/ Other)



Wear suitable gloves if prolonged skin contact is likely. Check with protective equipment manufacturer's data.

Respiratory protection



Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid / Aerosol
Colour.	Clear
Odour	Hydrocarbon
Odour Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	Not available
Flash Point (°C)	<23 (< 73.4 °F)
Evaporation Rate	Not available
Flammability (solid, gas)	Extremely flammable aerosol.
Explosive Limit Ranges	2.1% - 9.5% v/v (Propane)
Vapour pressure (Pascal)	ca. 95×10^4 (Propane)
Vapour Density (Air=1)	ca. 1.56 @ 0°C (Propane)
Density (g/ml)	Not available
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	450 (Propane)
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	< 20.5 @ 40 0°C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Avoid contact with heat and ignition sources.
Incompatible materials	This product should be stored away from sources of strong heat and oxidizing chemicals. Avoid contact with: Strong acids, strong bases, amines, sodium hypochlorite, halogenated hydrocarbons, chlorine, oxygen, and acetylene.
Hazardous decomposition product(s)	Carbon monoxide, Carbon dioxide, Acrid smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

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Information on toxicological effects

Toluene (CAS No. 108-88-3)

Acute toxicity

Oral LD50 = 5580 mg/kg (rat)
 Dermal LD50 >5000 mg/kg (rabbit)
 Inhalation LC50 (4 hour(s)) 28.1 mg/l (rat) - Vapours may cause drowsiness and dizziness.

Irritation / Corrosivity

Causes serious eye irritation. Causes skin irritation.

Sensitisation

It is not a skin sensitiser.

Repeated dose toxicity

Inhalation NOAEC = 1131 mg/m³ (rat), 2 Year(s) - May cause damage to organs through prolonged or repeated exposure: neuropsychological effects, auditory dysfunction and effects on colour vision.

Carcinogenicity

It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity

There is no evidence of mutagenic potential.

Reproductive toxicity

Suspected of damaging the unborn child. NOAEC: 2.8 mg/liter (rat)

Propane (CAS No. 74-98-6)

Acute toxicity

Inhalation: LC50 = 1237 mg/L (2-hr, mouse, gas)

Irritation/Corrosivity

No evidence of irritant effects from normal handling and use.

Sensitisation

It is not a skin sensitiser.

Repeated dose toxicity

Inhalation NOAEC: ≥19678 mg/m³ (28-day, rat, Systemic effects)
 Inhalation LOAEC: 21641 mg/m³ (28-day, rat, effects: Body weight)

Carcinogenicity

It is unlikely to present a carcinogenic hazard to man.

Mutagenicity

There is no evidence of mutagenic potential.

Reproductive toxicity

None anticipated

Methyl Acetate (CAS# 79-20-9):

Acute toxicity

Oral: LD50 >5 g/kg-bw
 Dermal: LD50 >2 g/kg-bw
 Inhalation: LC50 >49.2 mg/L (Vapor), 4-hr. rat
 May cause drowsiness or dizziness.

Irritation/Corrosivity

Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May cause eye irritation.

Sensitization

It is not a skin sensitizer.

Repeated dose toxicity

NOAEC: 350 mg/m³ (28 days, inhal., rat, Weight gain effects)
 LOAEC: 2000 mg/m³ (28 days, inhal., rat, Weight gain effects)
 May cause drowsiness or dizziness.

Carcinogenicity

No data. It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity

There is no evidence of mutagenic potential.

Reproductive toxicity

Not available

Reproductive toxicity

Not available

Naphtha (petroleum) hydrotreated light (CAS No. 64742-49-0) - By analogy with similar materials:

Acute toxicity (calculated / estimated)

Oral: LD50 >5000 mg/kg-bw
 Dermal: LD50 >2000 mg/kg-bw
 Inhalation: LC0 ≥7.6 mg/l (Vapour), 4-hr. rat - May cause drowsiness or dizziness.

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Irritation/Corrosivity Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

Sensitisation It is not a skin sensitiser.

Repeated dose toxicity Dermal: NOEAL >2000 mg/kg bw (Systemic effects)
Inhalation: NOAEC = 1.4 mg/l (Vapour)

Carcinogenicity It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity Not to be expected.

Reproductive toxicity Not to be expected.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Toluene (CAS No. 108-88-3):

Short term LC50 (96 hour): 5.5 mg/l (*Oncorhynchus kisutch*)
EC50 (48 hour): 3.78 mg/l (*Ceriodaphnia dubia*)
EC50 (3 hour): 134 mg/l (Algae)

Long Term NOEC (40 days): 1.39 mg/l (*Oncorhynchus kisutch*)
NOEC (7 days): 0.74 mg/l (*Ceriodaphnia dubia*)

Naphtha (petroleum) hydrotreated light (CAS No. 64742-49-0) - By analogy with similar materials:

Short term LL50 (96 hour): 8.2 mg/L (fish)
EL50 (48 hour): 4.5 mg/L (crustacea)
EL50 (72 hour): 3.1 mg/L (algae)

Long Term NOELR (21 days): 2.6 mg/L (crustacea; reproduction)
NOELR (72 hour): 0.5 mg/L (algae; growth rate)

Persistence and degradability

The harmful ingredients will not persist.

Bioaccumulative potential

The product has no potential for bioaccumulation.

Mobility in soil

Not available.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

	<u>U.S. DOT</u>	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number	1950	1950	1950
Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
Transport hazard class(es)	2.1	2.1	2.1
Packing group	Not applicable	Not applicable	Not applicable
Environmental hazards	None assigned	None assigned	None assigned
Special precautions for user	None assigned	None assigned	None assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

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SECTION 15: REGULATORY INFORMATION

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

TSCA (Toxic Substance Control Act) - Inventory Status: All substances listed and active, or exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	-----	-----

SARA 311/312 - Hazard Categories: See SECTION 2 - HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
Toluene	108-88-3	31

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
Toluene	108-88-3	Developmental, Reproductive
Benzene	71-43-2	Cancer, Reproductive
Cumene	98-82-8	Cancer
Naphthalene	91-20-3	Cancer
Methanol	67-56-1	Reproductive
Ethylbenzene	100-41-4	Cancer
alpha-Methylstyrene	98-83-9	Cancer

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of preparation: July 1, 202

Training advice: None.

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