



HIGH TECK™

SAFETY DATA SHEETS

#9277 SEAM SEALER - BEIGE

Prepared according to USA OSHA Hazcom 2024

Date issued : 01/07/2025

SDS number : 9277_EN

Date revised : 01/09/2025

Revision number : 1

HIGH TECK Professional Seam Sealer - 9277 Beige

1. Identification

Product identifier: HIGH TECK Professional Seam Sealer - 9277 Beige

Product description: Beige adhesive / sealant, 300 ml / 10.1 fl oz US

Relevant identified uses of the substance or mixture and uses advised against: Adhesive / sealant, designed exclusively for automotive uses

Other means of identification - product Stock / Code: 9277

Chemical family: Solvent based

Molecular formula: Mixture

Manufacturer / Supplier

High Teck Products
P.O. Box 24631
West Palm Beach, Florida
33416 - USA

Customer Service: 877-900-8235

E-Mail: info@highteckproducts.com

Emergency telephone number

CHEMTREC : (800) 424-9300

2. Hazard identification

Classification of the substance or mixture

The classification and label elements stated below were prepared in accordance with the USA OSHA Hazard Communication Standard (29 CFR 1910.1200; Hazcom 2024) and the Canadian WHMIS regulations (Hazardous Products Regulations; WHMIS 2023). This information may be different from the actual product label information for labels that are regulated by other agencies.

Health hazards:

Skin Irritation, Category 2

Specific Target Organ Toxicity (Single exposure), Category 3 (Narcotic Effects)

Specific Target Organ Toxicity (Repeated exposure), Category 2

Reproductive Toxicity, Category 2

Physical hazards:

Flammable Liquids, Category 2

Label elements

Hazardous components for labelling:

toluene



Flame



Exclamation
mark



Health
hazard

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Signal word: DANGER

Hazard statement(s)

H225: Highly flammable liquid and vapour.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.
H373: May cause damage to central nervous system through prolonged or repeated exposure.
H361: Suspected of damaging the unborn child.

Precautionary statement(s)

Prevention:

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.
P241: Use explosion-proof electrical, ventilating or lighting equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.
P264: Wash hands thoroughly after handling.
P260: Do not breathe vapours.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves and eye protection.

Response:

P308+P313: IF exposed or concerned: Get medical advice/attention.
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 advice/attention.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P370+P378: In case of fire: Use dry chemical or foam to extinguish.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.
P233: Keep container tightly closed.
P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with applicable local, regional and/or national regulations.

Hazards not otherwise classified: No data available.

Emergency overview

Immediate concerns: Flammable liquid and vapor. Harmful if inhaled. Possible risk of harm to the unborn child. Moderately irritating to the skin. Vapours may cause drowsiness and dizziness.

Comments: See sections 9 and 10 for more detailed information on physicochemical effects.

See section 11 for more detailed information on health effects.

See sections 12 for more detailed information on environmental effects.

The actual container label may not include the above label elements. The labeling shown above applies to products used solely for industrial / professional use.

Consumer products should be labeled in accordance with the Canadian Consumer Chemicals and Containers Regulations and US Consumer Product Safety Commission regulations. Consumer product labeling takes precedence over Canadian WHMIS 2023 and OSHA Hazcom 2024 Hazard Communication labeling.

3. Composition/information on ingredients

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Chemical name	% w/w	CAS No.
toluene	30 - 35	108-88-3
calcium carbonate (non-hazardous ingredient)	25 - 29	1317-65-3
petroleum hydrocarbon resins (non-hazardous ingredient)	16 - 20	68131-77-1
styrene butadiene copolymer (non-hazardous ingredient)	9 - 11	9003-55-8
mineral oils (petroleum) (non-hazardous ingredient)	7 - 9	8042-47-5
silica, amorphous, fumed, crystalline free	2.5 - 3.5	112945-52-5
titanium dioxide	1.3 - 1.7	13463-67-7

Comments: The actual concentration is withheld as a trade secret.

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the product and hence require reporting in this section.

4. First-aid measures

Eye: In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Get medical attention, if irritation persists.

Skin: Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing and wash before reuse.

Ingestion: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed

Eye: Mildly irritating to the eyes. Symptoms may include tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

Skin: Contact causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Ingestion: Substance may be harmful if swallowed. May cause irritation. Symptoms of ingestion may include abdominal pain, nausea, vomiting and diarrhea.

Inhalation: High vapor or spray mist concentrations may be harmful if inhaled. May cause headaches and dizziness. High vapor concentrations may cause drowsiness.

Indication of immediate medical attention and special treatment needed, if necessary: Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

Additional information: No data available.

5. Fire-fighting measures

General hazard: Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flash point. Product can be ignited by static discharge.

Suitable extinguishing media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

Hazardous combustion products: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Fire fighting procedures: Containers can build up pressure if exposed to heat (fire).

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Fire fighting equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

Sensitivity to static discharge: Product is sensitive to static discharge.

Sensitivity to mechanical impact: Product is not sensitive to mechanical impact.

6. Accidental release measures

Small spill: Eliminate all ignition sources. Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Sweep up material being careful not to raise dust. Place in an appropriate disposal container and seal tightly.

Environmental precautions

Water spill: Do not flush to sewer.

Land spill: Avoid runoff into storm sewers and ditches which lead to waterways.

Special protective equipment: Clean up spills immediately, observing precautions in Protective Equipment section 8.

7. Handling and storage

General procedures: Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of flammable liquids. Ensure thorough ventilation of stores and work areas.

Precautions for safe handling: Do not use in the presence of open flame or spark. Use only in a well ventilated area. Wear recommended personal protective equipment. Keep container closed when not in use. Avoid breathing vapours or mist. Avoid contact with eyes, skin, and clothing. After handling, always wash hands thoroughly with soap and water.

Conditions for safe storage: Store away from heat, sparks, open flames, strong oxidizing agents and direct sunlight. Protect from physical damage. Keep container tightly closed and in a well-ventilated place. Store in a cool place.

8. Exposure controls/personal protection

Exposure controls

Control parameters				
Chemical name	Occupational exposure limit values			
	Type		ppm	mg/m ³
toluene	OSHA PEL	TWA	200	--
		STEL	300	--
	ACGIH TLV	TWA	20	75
	NIOSH REL	TWA	100	375
STEL		150	560	
calcium carbonate (non-hazardous ingredient)	OSHA PEL	TWA	[1]	15 [1]
	OSHA PEL	TWA	[2]	5 [2]
	NIOSH REL	TWA	[3]	10 [3]
		TWA	[4]	5 [4]
silica, amorphous, fumed, crystalline free	NIOSH REL	TWA	-- [1]	6 [1]
titanium dioxide	OSHA PEL	TWA	-- [1]	15 [1]
	ACGIH TLV	TWA	-- [1]	10 [1]
Footnotes: 1. Dust - total fraction. 2. Dust - respirable fraction. 3. Total particulates. 4. Respirable fraction.				

Appropriate engineering controls: Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

Individual protection measures, such as personal protective equipment

Eye / face protection: Wear safety glasses with side shields (or goggles). Contact lenses should not be worn when working with this product. Eye wash fountains should be readily available to areas of use and handling.

Skin: Wear chemical resistant gloves.

Respiratory protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. Respirator type: NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

Skin protection - other: Wear protective clothing as necessary to prevent contact.

Occupational hygiene practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing/wash thoroughly before reuse.

9. Physical and chemical properties

Physical State: Liquid

Odour: Aromatic

Odour threshold: 1.7 to 40 ppm

Appearance: Viscous thixotropic paste

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Colour: Beige

pH: Not Applicable

% Volatiles: 30 to 35 % w/w

Flash point: 4°C Setaflash Closed Cup

Lower explosion limit / flammability limit: 1.1

Upper explosion limit / flammability limit: 7.1

Explosion limit / flammability limit notes: Based on data for toluene

Auto-ignition temperature: 480°C

Notes: Based on data for toluene

Vapour pressure: 3.8 kPa (21 mm Hg) [toluene] at 20°C

Relative vapour density: 3.1 (air = 1)

Initial boiling point and boiling range: 110°C (toluene)

Freezing point: No data available.

Melting point: No data available.

Decomposition temperature: No data available.

Solubility: Practically insoluble

Partition coefficient n-octanol/water (logarithmic value): No data available.

Evaporation rate (n-butyl acetate = 1): 2.24

Density: 1.17±0.03g/ml at 20°C

Particle characteristics: No data available.

Relative density: No data available.

Viscosity (kinematic or dynamic): > 200000 cps

VOC content:

Actual VOC:	<420 g/l (3.5 lb/gal)
Regulatory VOC:	<420 g/l (3.5 lb/gal), less exempt solvents
VOC Content:	35 % w/w maximum

Flammability: Flammable Liquids

Comments:

VOC Compliance Statement

Actual VOC:	<420 g/l (3.5 lb/gal)
Regulatory VOC:	<420 g/l (3.5 lb/gal), less exempt solvents
VOC Content:	35 % w/w maximum
Density:	1.15 to 1.20 g/ml
Total Volatiles:	30 to 35 % w/w
Exempt Content:	0 % w/w; 0 % v/v

VOC Regulation: SCAQMD Rule 1168 -Adhesives & Sealants - California
Category: Sealants and Caulks, All Other Sealants

The product VOC content meets the 420 g/l limit for Sealants and Caulks, All Other Sealants. The product also meets the small container exemption in the various Adhesives and Sealants district rules - packaged in ≤ 475 ml (16 fl oz) cartridges. California compliant.

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VOC Regulation: CARB, OTC – Consumer Product Regulations

Category: Sealant & Caulking Compounds

This product is formulated for automotive use only and is not regulated under the CARB Consumer Products Regulations. It does not meet the CARB definition of Sealant & Caulking compounds which excludes "exclusive automotive use" sealants from the scope of the definition.

10. Stability and reactivity

Reactivity: No

Dangerous polymerization: Not expected to occur.

Chemical stability: Stable.

Conditions to avoid: Keep away from flames and incompatible materials. Keep away from flames and any object that sparks.

Possibility of hazardous reactions: No data available.

Hazardous decomposition products: Carbon Monoxide and other toxic vapors.

Incompatible materials: Oxidizing materials.

11. Toxicological information

Acute Toxicity

Chemical name	LD ₅₀ (oral) mg/kg (rat)	LD ₅₀ (dermal) mg/kg (rabbit)	LC ₅₀ (inhalation) mg/l
toluene	7000 6400 5500	12,270	49.0(rat;4h) 30.0(mouse;2h) 19.9(mouse;7h)
calcium carbonate (non-hazardous ingredient)	6450(rat) 6450(mouse)	No data available.	No data available.
silica, amorphous, fumed, crystalline free	> 5,000	> 2000	No data available.
titanium dioxide	> 10,000	No data available.	No data available.

Acute dermal toxicity LD₅₀: Based on available ingredient data, the classification criteria for Acute Dermal Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg.

Acute oral toxicity LD₅₀: Based on available ingredient data, the classification criteria for Acute Oral Toxicity are not met for this mixture. The calculated ATE is >2000 mg/kg.

Acute inhalation toxicity LC₅₀: Based on available ingredient data, the classification criteria for Acute Toxicity - inhalation are not met for this mixture. The calculated ATE is >20 mg/l/4h (vapours). High vapor concentrations may be harmful if inhaled. Excessive vapor concentrations are attainable. Saturated vapors can be encountered in confined spaces and/or under conditions of poor ventilation.

Notes: <5 % of the mixture consists of an ingredient or ingredients of unknown acute toxicity.

No additional toxicology information is available for this product itself.

(See Component Toxicity Information).

Information on likely routes of exposure:

Eye contact. Inhalation. Skin contact. Ingestion.

Skin corrosion / irritation: Contains: toluene. Causes skin irritation. The mixture is classified as: Skin Irritant, category 2, based on summation of ingredient data (>10% ingredients classified as skin irritant, category 2). Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Serious eye damage / irritation: Based on available data, the classification criteria for eye irritation are not met

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for this mixture. Slightly irritating but does not injure eye tissue.

Respiratory or skin sensitization: Based on available data, the classification criteria for skin/respiratory sensitization are not met for this mixture (< 0.1% ingredients classified as a skin sensitizer, category 1 or sub-category 1A and < 1.0% ingredients classified as a skin/respiratory sensitizer, sub-category 1B).

Germ cell mutagenicity: Based on available data, the classification criteria for Germ Cell Mutagenicity are not met for this mixture (< 0.1% ingredients classified as Germ Cell Mutagen, category 1A or 1B and < 1.0% ingredients classified as Germ Cell Mutagen, category 2).

Carcinogenicity

Chemical name	NTP	IARC	OSHA	Status - other
toluene	--	3	--	A4 (ACGIH)
calcium carbonate (non-hazardous ingredient)	--	--	--	--
petroleum hydrocarbon resins (non-hazardous ingredient)	--	--	--	--
silica, amorphous, fumed, crystalline free	--	3	--	--
titanium dioxide	--	2B	--	A4 (ACGIH)

Notes: Based on available data, the classification criteria for Carcinogenicity are not met for this mixture. titanium dioxide is listed as Group 2B (possibly carcinogenic to humans) by IARC. Titanium dioxide: applies only to respirable dust. The titanium dioxide in this product is inextricably bound and therefore presents no potential for exposure during normal conditions of use of this product or in a foreseeable emergency.

Reproductive toxicity: The mixture is classified as: Reproductive Toxicity, category 2 based on ingredient data using the applicable cut-off/concentration limits ($\geq 0.1\%$ ingredients classified as Reproductive Toxicity, category 2). May cause adverse reproductive effects. Possible risk of harm to the unborn child (Toluene).

Specific Target Organ Toxicity - single exposure: Contains: toluene. The mixture is classified as: Specific Target Organ Toxicity - Single Exposure, category 3, based on summation of ingredient data using the applicable cut-off/concentration limits ($\geq 20\%$ summation of all ingredients classified as Specific Target Organ Toxicity - Single Exposure, category 3 [Narcotic Effects]). Can cause central nervous system depression (including unconsciousness). High vapor concentrations may cause drowsiness. May cause headaches and dizziness.

Specific Target Organ Toxicity - repeated exposure: The mixture is classified as: Specific Target Organ Toxicity - Repeated Exposure, category 2, based on ingredient data using the applicable cut-off/concentration limits ($\geq 1.0\%$ ingredients classified as Specific Target Organ Toxicity - Repeated Exposure, category 2). Prolonged inhalation may be harmful. Chronic exposure to organic solvents such as Toluene have been associated with various neurotoxic effects including permanent brain and nervous system damage. Symptoms include: loss of memory, loss of intellectual ability, and loss of coordination. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

Aspiration hazard: Based on available data, the classification criteria for Aspiration Hazard are not met for this mixture (< 10% ingredients classified as an Aspiration Hazard, category 1 and/or mixture viscosity > 20.5 mm²/s at 40 °C).

12. Ecological information

Ecotoxicological information: No data available.

Aquatic toxicity, both acute and chronic: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Other adverse effects: No data available.

Mobility in soil: No data available.

13. Disposal considerations

Disposal methods: Comply with applicable local, state or international regulations concerning solid or hazardous waste disposal and/or container disposal. Do not discharge substance/product into sewer system.

Product disposal: Empty containers retain product residue; observe all precautions for product. Decontaminate containers prior to disposal.

14. Transport information**USA Department of Transport Regulations (DOT)**

UN proper shipping name: ADHESIVES

Transport hazard class(es): 3

UN number: 1133

Packing group, if applicable: II

Notes: With an inner packaging < 1.0 L, this product may be shipped as a Limited Quantity.

IMDG - sea

UN proper shipping name: ADHESIVES

UN number: 1133

Transport hazard class(es): 3

Packing group, if applicable: II

Environmental hazards - marine pollutant: None

Notes: With an inner packaging < 1.0 L, this product may be shipped as a Limited Quantity.

Canadian Transport of Dangerous Goods Regulations (TDG)

UN proper shipping name: ADHESIVES

UN number: 1133

Transport hazard class(es): 3

Packing group, if applicable: II

TDG other shipping information:

With an inner packaging < 1.0 L, this component may be shipped as a Limited Quantity as per TDG Section 1.17.

15. Regulatory information**UNITED STATES****SARA Section 311/312 Hazard Categories**

311/312 Health hazards: Narcotic Effects, Reproductive Toxicity, Skin Irritation, Target Organ Toxicity (Repeated exposure)

311/312 Physical hazards: Flammable Liquids

EPCRA Section 313 Toxic Chemicals

Chemical name	% w/w	CAS No.
toluene	30 - 35	108-88-3

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status:

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This product contains no listed extremely hazardous substances that are subject to the reporting requirements of SARA Title III, Section 302.

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	RQ
toluene	30 - 35	1,000

TSCA (The Toxic Substances Control Act)

TSCA Status:

All components are included or are otherwise exempt from inclusion on this inventory.


CAA 112(b) Hazardous Air Pollutants

Chemical name	% w/w	CAS No.
toluene	30 - 35	108-88-3

CAA 112(r) List of Substances for Accidental Release Prevention:

This product contains no chemicals subject to CAA 112(r).

California Proposition 65:

 **WARNING:** This product can expose you to chemicals including the chemical(s) listed below, which is [are] 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.

Chemical name	% w/w	Listed
toluene	30 - 35	<ul style="list-style-type: none">• Developmental Toxicity• Female Reproductive

USA OSHA Hazard Communication Standard (29CFR 1910.1200):

OSHA Status: Hazardous Product (See Section 2 for details).

This product has been classified in accordance with the hazard criteria of the USA OSHA Hazard Communication Standard (29CFR 1910.1200) and the Safety Data Sheet contains all the information required by the OSHA Hazard Communication Standard (HazCom 2024).

CANADA

WHMIS Hazard Symbol and Classification

See Section 2 for details.

WHMIS Regulatory Status:

This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2023).

WHMIS Classification:

WHMIS 2023 (Canada) Status: Hazardous Product (See Section 2 for details).

CEPA - National Pollutant Release Inventory (NPRI):

Name	CAS No.	NPRI Part No.
toluene	108-88-3	1A, 5 (VOC)

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL):

All components are included or are otherwise exempt from inclusion on this inventory.

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Comments VOC Content -- See section 9.

16. Other information

Reason for issue: The Safety Data Sheet was updated.

Prepared by : SDS Coordinator

Date revised: 01/09/2025

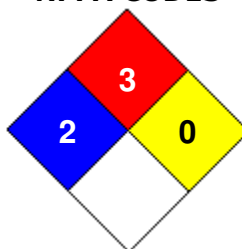
Information contact: 877-900-8235

Revision summary: This SDS replaces the 01/07/2025 SDS.

HMIS RATING

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL HAZARD		0
PERSONAL PROTECTION	G	

NFPA CODES



NFPA 30 / 30B Storage Classification: Flammable Liquid IB

Manufacturer supplemental notes: None

Data sources: Not Available

Additional SDS Information: N/AV Not Available

N/AP Not Applicable

ND Not yet determined

ACGIH American Conference of Governmental Industrial Hygienists

CAA The Clean Air Act

CCCR The Consumer Chemicals and Containers Regulations

CEPA The Canadian Environmental Protection Act

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

EPCRA The Emergency Planning and Community Right-To-Know Act

IARC International Agency for Research on Cancer

MSHA Mine Safety and Health Administration

NIOSH National Institute for Occupational Safety and Health

NTP National Toxicology Program

OSHA The Occupational Safety and Health Administration

SARA The Superfund Amendments and Reauthorization Act

WHMIS Workplace Hazardous Materials Information System

General statements: None

Comments: None

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