



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS
which includes the amended Hazardous Products Act (HPA) and the Hazardous Products
Regulation (HPR)

Revision Date 11-Mar-2025

Version 1

1. Identification

Product identifier

Product Name 97BR HIGH TACK SUPER ADHESIVE SEALANT 1.75 FL.OZ

Other means of identification

Product Code 80060

UN number or ID number UN1133

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Sealant

Restrictions on use No information available

Details of the supplier of the safety data sheet

Manufacturer Address

ITW Permatex, Inc.
6875 Parkland Blvd.
Solon, Ohio 44139 USA
Telephone: 1-87-Permatex
(866) 732-9502

May Also Be Distributed by:

ITW Permatex Canada
101-2360 Bristol Circle
Oakville, ON Canada L6H 6M5
Telephone: (800) 924-6994

E-mail address mail@permatax.com

Emergency telephone number

24 Hour Emergency Phone Number Chem-Tel: 800-255-3924
International Emergency:
00+1+ 813-248-0585
Contract Number: MIS0003453

24-hour emergency phone number No information available

2. Hazard(s) identification

Classification

Flammable liquids	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Carcinogenicity	Category 1B
Reproductive toxicity	Category 1B
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 1

Label elements

Contains ACETONE; METHYL ETHYL KETONE (BUTANONE); ETHYL ACETATE; N-HEXANE; TALC; 4,4-ISOPROPYLIDENEDIPHENOL



Danger

Hazard statements

Highly flammable liquid and vapor.
Causes serious eye irritation.
May cause an allergic skin reaction.
May cause cancer.
May damage fertility or the unborn child.
May cause drowsiness or dizziness.
Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements - Prevention

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves, protective clothing, eye protection and face protection.
Wash face, hands and any exposed skin thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Use only outdoors or in a well-ventilated area.
Do not breathe dust.
Do not eat, drink or smoke when using this product.
Ground and bond container and receiving equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Use explosion-proof electrical, ventilating and lighting equipment.
Keep cool.

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention.
Specific treatment (see supplemental first aid instructions on this label).

Eyes

IF IN EYES: 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 and attention.

Skin

IF ON SKIN: Wash with plenty of water and soap.
If skin irritation or rash occurs: Get medical advice and attention.
Take off contaminated clothing and wash it before reuse.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor if you feel unwell.

Fire

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Precautionary Statements - Storage

Store locked up.
Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

24.5711 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

26.9977 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

92.164 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

73.278 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

47.7077 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Other Information

May be harmful if inhaled. Causes mild skin irritation. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
ACETONE	67-64-1	30-60%	-	-
METHYL ETHYL KETONE (BUTANONE)	78-93-3	5-10%	-	-
N-HEXANE	110-54-3	3-7%	-	-
TALC	14807-96-6	1-5%	-	-
ETHYL ACETATE	141-78-6	1-5%	-	-
4,4'-ISOPROPYLIDENEDIPHENOL	80-05-7	1-5%	-	-

4. First-aid measures

Description of first aid measures

General advice

Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.

Inhalation

Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

Ingestion

Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician.

Self-protection of the first aider

Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

Symptoms Itching. Rashes. Hives. May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Prolonged contact may cause redness and irritation.

Effects of Exposure May cause cancer. May cause adverse reproductive effects - such as birth defect, miscarriages, or infertility. Causes damage to organs through prolonged or repeated exposure.

Indication of any immediate medical attention and special treatment needed

Note to physicians May cause sensitization in susceptible persons. Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media Do not scatter spilled material with high pressure water streams.

Specific hazards arising from the chemical Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Product is or contains a sensitizer. May cause sensitization by skin contact.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge Yes.

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Other information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up.

8. Exposure controls/personal protection

Control Parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
ACETONE 67-64-1	TWA: 250 ppm STEL: 500 ppm	TWA: 1000 ppm TWA: 2400 mg/m ³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m ³ (vacated) STEL: 2400 mg/m ³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors. (vacated) STEL: 1000 ppm	TWA: 250 ppm; TWA: 590 mg/m ³ ; IDLH: 2500 ppm
METHYL ETHYL KETONE (BUTANONE) 78-93-3	TWA: 75 ppm STEL: 150 ppm pSk	TWA: 200 ppm TWA: 590 mg/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 590 mg/m ³ (vacated) STEL: 300 ppm (vacated) STEL: 885 mg/m ³	TWA: 200 ppm; TWA: 590 mg/m ³ ; STEL: 300 ppm STEL: 885 mg/m ³ IDLH: 3000 ppm
N-HEXANE 110-54-3	TWA: 50 ppm pSk	TWA: 500 ppm TWA: 1800 mg/m ³ (vacated) TWA: 50 ppm (vacated) TWA: 180 mg/m ³	TWA: 50 ppm; TWA: 180 mg/m ³ ; IDLH: 1100 ppm
TALC 14807-96-6	TWA: 2 mg/m ³ respirable particulate matter particulate matter containing no Asbestos and <1% Crystalline silica	TWA: 20 mppcf if 1% Quartz or more, use Quartz limit (vacated) TWA: 2 mg/m ³ respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more, use Quartz limit	TWA: 2 mg/m ³ ; containing no Asbestos and <1% Quartz respirable dust IDLH: 1000 mg/m ³
ETHYL ACETATE 141-78-6	TWA: 400 ppm	TWA: 400 ppm TWA: 1400 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 1400 mg/m ³	TWA: 400 ppm; TWA: 1400 mg/m ³ ; IDLH: 2000 ppm

Chemical name	Alberta	British Columbia	Ontario	Quebec
ACETONE 67-64-1	TWA: 500 ppm; TWA: 1200 mg/m ³ ; STEL: 750 ppm; STEL: 1800 mg/m ³ ;	TWA: 250 ppm; STEL: 500 ppm;	TWA: 250 ppm; STEL: 500 ppm;	TWAEV: 250 ppm; STEV: 500 ppm;
METHYL ETHYL KETONE (BUTANONE) 78-93-3	TWA: 200 ppm; TWA: 590 mg/m ³ ; STEL: 300 ppm; STEL: 885 mg/m ³ ;	TWA: 50 ppm; STEL: 100 ppm; Adverse reproductive effect Sk	TWA: 200 ppm; STEL: 300 ppm;	TWAEV: 50 ppm; TWAEV: 150 mg/m ³ ; STEV: 100 ppm; STEV: 300 mg/m ³ ;
N-HEXANE 110-54-3	TWA: 50 ppm; TWA: 176 mg/m ³ ; pSk	TWA: 20 ppm; Sk	TWA: 50 ppm; dSk	TWAEV: 50 ppm; TWAEV: 176 mg/m ³ ; Sd
TALC 14807-96-6	TWA: 2 mg/m ³ ; respirable particulate	TWA: 2 mg/m ³ ; respirable particulate	TWA: 2 mg/m ³ ; respirable fraction	TWAEV: 2 mg/m ³ ; respirable dust
ETHYL ACETATE 141-78-6	TWA: 400 ppm; TWA: 1440 mg/m ³ ;	TWA: 150 ppm;	TWA: 400 ppm;	TWAEV: 400 ppm; TWAEV: 1440 mg/m ³ ;

Chemical name	Manitoba	New Brunswick	Newfoundland and Labrador	Nova Scotia
ACETONE	TWA: 250 ppm; STEL: 500 ppm;	TWA: 250 ppm; STEL: 500 ppm;	TWA: 250 ppm; STEL: 500 ppm;	TWA: 250 ppm; STEL: 500 ppm;
METHYL ETHYL KETONE (BUTANONE)	TWA: 75 ppm; STEL: 150 ppm; pSk	TWA: 200 ppm; STEL: 300 ppm;	TWA: 75 ppm; STEL: 150 ppm; pSk	TWA: 75 ppm; STEL: 150 ppm; pSk
N-HEXANE	TWA: 50 ppm; pSk	TWA: 50 ppm; pSk	TWA: 50 ppm; pSk	TWA: 50 ppm; pSk
TALC	TWA: 2 mg/m ³ ; particulate matter, respirable particulate matter	TWA: 2 mg/m ³ ;	TWA: 2 mg/m ³ ; particulate matter, respirable particulate matter	TWA: 2 mg/m ³ ; particulate matter, respirable particulate matter
ETHYL ACETATE	TWA: 400 ppm;	TWA: 400 ppm;	TWA: 400 ppm;	TWA: 400 ppm;

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
ACETONE	TWA: 500 ppm; STEL: 750 ppm;	TWA: 250 ppm; STEL: 500 ppm;	TWA: 500 ppm; STEL: 750 ppm;	TWA: 1000 ppm; TWA: 2400 mg/m ³ ; STEL: 1250 ppm; STEL: 3000 mg/m ³ ;
METHYL ETHYL KETONE (BUTANONE)	TWA: 200 ppm; STEL: 300 ppm;	TWA: 75 ppm; STEL: 150 ppm;	TWA: 200 ppm; STEL: 300 ppm;	TWA: 200 ppm; TWA: 590 mg/m ³ ; STEL: 250 ppm; STEL: 740 mg/m ³ ;
N-HEXANE	TWA: 50 ppm; STEL: 62.5 ppm; Sk	TWA: 50 ppm;	TWA: 50 ppm; STEL: 62.5 ppm; pSd	TWA: 100 ppm; TWA: 360 mg/m ³ ; STEL: 125 ppm; STEL: 450 mg/m ³ ;
TALC	TWA: 2 mg/m ³ ; respirable fraction	TWA: 2 mg/m ³ ; particulate matter, respirable particulate matter	TWA: 2 mg/m ³ ; respirable fraction	TWA: 20 mppcf;
ETHYL ACETATE	TWA: 400 ppm; STEL: 500 ppm;	TWA: 400 ppm;	TWA: 400 ppm; STEL: 500 ppm;	TWA: 400 ppm; TWA: 1400 mg/m ³ ; STEL: 400 ppm; STEL: 1400 mg/m ³ ;
4,4 -ISOPROPYLIDENEDIPHENOL				Ceiling: 0.05 ppm; Ceiling: 2.8 mg/m ³ ;

Biological occupational exposure limits

Chemical name	ACGIH
ACETONE 67-64-1	25 mg/L - urine (Acetone) - end of shift
METHYL ETHYL KETONE (BUTANONE) 78-93-3	2 mg/L - urine (MEK) - end of shift
N-HEXANE 110-54-3	0.5 mg/L - urine (2,5-Hexanedione without hydrolysis) - end of shift

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Tight sealing safety goggles.

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing. Antistatic boots. Chemical resistant apron. Wear fire/flame resistant/retardant clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. Use appropriate respiratory protection.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Liquid
Appearance No information available
Color Yellow
Odor Ketone
Odor threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting point / freezing point	No data available	
Boiling point / boiling range	No data available	
Flash point	< -18 °C / -0.4 °F	
Evaporation rate	> 1	Butyl acetate = 1
Flammability (solid, gas)	No data available	
Flammability Limit in Air		
Upper flammability limit:	13.0%	
Lower flammability limit:	1.0%	
Vapor pressure	400 mm Hg	
Vapor density	>1	Air = 1
Relative density	0.91	
Water solubility	Partially soluble	
Solubility(ies)	No data available	
Partition coefficient	No data available	

Autoignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Particle characteristics	
Particle Size	No data available
Particle Size Distribution	No data available

Other information

Explosive properties	No information available
Oxidizing properties	No information available
Softening point	No information available
Molecular weight	No information available
VOC content	No information available
Density	No information available
Bulk density	No information available

10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

11. Toxicological information

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. May cause drowsiness or dizziness. May be harmful if inhaled.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin contact	May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). Prolonged contact may cause redness and irritation. Causes mild skin irritation.
Ingestion	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Itching. Rashes. Hives. May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Prolonged contact may cause redness and irritation.
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Acute toxicity

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (oral)	5,513.00 mg/kg
ATEmix (dermal)	9,625.10 mg/kg
ATEmix (inhalation-gas)	99,999.00 ppm
ATEmix (inhalation-vapor)	50.30 mg/l
ATEmix (inhalation-dust/mist)	117.90 mg/l

24.5711 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

26.9977 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

92.164 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

73.278 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

47.7077 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
ACETONE 67-64-1	= 5800 mg/kg (Rat)	> 15700 mg/kg (Rabbit)	= 50100 mg/m ³ (Rat) 8 h
METHYL ETHYL KETONE (BUTANONE) 78-93-3	= 2483 mg/kg (Rat)	= 5000 mg/kg (Rabbit)	= 11700 ppm (Rat) 4 h
N-HEXANE 110-54-3	= 25 g/kg (Rat)	= 3000 mg/kg (Rabbit)	= 48000 ppm (Rat) 4 h
ETHYL ACETATE 141-78-6	= 5620 mg/kg (Rat)	> 18000 mg/kg (Rabbit)	= 4000 ppm (Rat) 4 h
4,4 -ISOPROPYLIDENEDIPHENOL 80-05-7	= 3300 mg/kg (Rat)	= 3000 mg/kg (Rabbit)	> 170 mg/m ³ (Rat) 6 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Classification based on data available for ingredients. Causes mild skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Respiratory or skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity No information available.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
ACETONE 67-64-1	A4 - Not Classifiable as a Human Carcinogen	-	-	-
TALC 14807-96-6	A4 - Not Classifiable as a Human Carcinogen	Group 2A - Probably carcinogenic to humans	-	Present

Legend

IARC (International Agency for Research on Cancer)

Group 2A - Probably carcinogenic to humans

Occupational Safety and Health Administration of the US Department of Labor

X - Present

Reproductive toxicity Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. May damage fertility or the unborn child.

STOT - single exposure May cause drowsiness or dizziness.

STOT - repeated exposure Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard No information available.

12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
ACETONE 67-64-1	-	LC50: 4.74 - 6.33mL/L (96h, <i>Oncorhynchus mykiss</i>) LC50: 6210 - 8120mg/L (96h, <i>Pimephales promelas</i>) LC50: =8300mg/L (96h, <i>Lepomis macrochirus</i>)	-	EC50: 10294 - 17704mg/L (48h, <i>Daphnia magna</i>) EC50: 12600 - 12700mg/L (48h, <i>Daphnia magna</i>)
METHYL ETHYL KETONE (BUTANONE) 78-93-3	-	LC50: 3130 - 3320mg/L (96h, <i>Pimephales promelas</i>)	-	EC50: >520mg/L (48h, <i>Daphnia magna</i>) EC50: =5091mg/L (48h, <i>Daphnia magna</i>) EC50: 4025 - 6440mg/L (48h, <i>Daphnia magna</i>)
N-HEXANE 110-54-3	-	LC50: 2.1 - 2.98mg/L (96h, <i>Pimephales promelas</i>)	-	-
TALC 14807-96-6	-	LC50: >100g/L (96h, <i>Brachydanio rerio</i>)	-	-
ETHYL ACETATE 141-78-6	-	LC50: 220 - 250mg/L (96h, <i>Pimephales promelas</i>) LC50: =484mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: 352 - 500mg/L (96h, <i>Oncorhynchus mykiss</i>)	-	EC50: =560mg/L (48h, <i>Daphnia magna</i>)
4,4'-ISOPROPYLIDENEDIPHENOL 80-05-7	EC50: =2.5mg/L (96h, <i>Pseudokirchneriella subcapitata</i>)	LC50: 3.6 - 5.4mg/L (96h, <i>Pimephales promelas</i>) LC50: 4.0 - 5.5mg/L (96h, <i>Pimephales promelas</i>) LC50: =4mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: =9.9mg/L (96h, <i>Brachydanio rerio</i>)	-	EC50: =10.2mg/L (48h, <i>Daphnia magna</i>) EC50: =3.9mg/L (48h, <i>Daphnia magna</i>) EC50: 9.2 - 11.4mg/L (48h, <i>Daphnia magna</i>)

Persistence and degradability No information available.

Bioaccumulation

Component Information

Chemical name	Partition coefficient
ACETONE 67-64-1	-0.24
METHYL ETHYL KETONE (BUTANONE) 78-93-3	0.3

N-HEXANE 110-54-3	4
ETHYL ACETATE 141-78-6	0.73
4,4 -ISOPROPYLIDENEDIPHENOL 80-05-7	3.4

Other adverse effects No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

US EPA Waste Number Waste designations and classifications should be determined by the end user based on the application for which the product was used.

14. Transport information

DOT

UN number or ID number UN1133
Proper shipping name Adhesives
Transport hazard class(es) 3
Packing group II
DOT Marine Pollutant I
Marine pollutant N-HEXANE, 4,4 -ISOPROPYLIDENEDIPHENOL.
Description UN1133, Adhesives, 3, II, Limited Quantity (LQ)
Special Provisions 149, B52, IB2, T4, TP1, TP8
Emergency Response Guide Number 128

TDG

UN number or ID number UN1133
UN proper shipping name Adhesives
Transport hazard class(es) 3
Packing group II
Marine pollutant name 4,4 -ISOPROPYLIDENEDIPHENOL
Description UN1133, Adhesives, 3, II

MEX

UN number or ID number UN1133
UN proper shipping name Adhesives
Transport hazard class(es) 3
Packing group II
Description UN1133, Adhesives, 3, II

ICAO (air)

UN number or ID number UN1133
UN proper shipping name Adhesives
Transport hazard class(es) 3
Packing group II
Description UN1133, Adhesives, 3, II
Special Provisions A3

IATA

UN number or ID number	UN1133
UN proper shipping name	Adhesives
Transport hazard class(es)	3
Packing group	II
ERG Code	3L
Special Provisions	A3
Description	UN1133, Adhesives, 3, II, Limited Quantity (LQ)

IMDG

UN number or ID number	UN1133
UN proper shipping name	Adhesives
Transport hazard class(es)	3
Packing group	II
EMS-No.	F-E, S-D
Description	UN1133, Adhesives, 3, II, (-18°C c.c.), Marine pollutant

15. Regulatory information

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

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Not determined
IECSC	Complies
KECI	Complies
PICCS	Complies
AICS	Not determined
NZIoC	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing Chemicals Inventory

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	SARA 313 - Threshold Values %
N-HEXANE - 110-54-3	1.0

4,4 -ISOPROPYLIDENEDIPHENOL - 80-05-7	1.0
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SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	Reportable Quantity (RQ)
ACETONE 67-64-1	5000 lb / kg (final RQ)	-	RQ 5000 lb final RQ RQ 2270 kg final RQ
METHYL ETHYL KETONE (BUTANONE) 78-93-3	5000 lb / kg (final RQ)	-	RQ 5000 lb final RQ RQ 2270 kg final RQ
N-HEXANE 110-54-3	5000 lb / kg (final RQ)	-	RQ 5000 lb final RQ RQ 2270 kg final RQ
ETHYL ACETATE 141-78-6	5000 lb / kg (final RQ)	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical name	California Proposition 65
N-HEXANE - 110-54-3	Developmental
4,4 -ISOPROPYLIDENEDIPHENOL - 80-05-7	Developmental Female Reproductive

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
ACETONE 67-64-1	X	X	X
METHYL ETHYL KETONE (BUTANONE) 78-93-3	X	X	X
N-HEXANE 110-54-3	X	X	X
TALC 14807-96-6	X	X	X
ETHYL ACETATE 141-78-6	X	X	X
4,4 -ISOPROPYLIDENEDIPHENOL 80-05-7	X	X	X
2-(PROPYLOXY)ETHANOL 2807-30-9	X	-	X
ZINC STEARATE 557-05-1	X	X	X
MAGNESIUM OXIDE 1309-48-4	X	X	X
ZINC OXIDE 1314-13-2	X	X	X
WATER 7732-18-5	-	-	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

<u>NFPA</u>	Health hazards 2	Flammability 4	Instability 0	Special hazards -
<u>HMIS</u>	Health hazards 3 *	Flammability 0	Physical hazards 0	Personal protection X

Chronic Hazard Star Legend

* = Chronic Health Hazard

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend

SVHC: Substances of Very High Concern for Authorization:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances

vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances

STOT: Specific Target Organ Toxicity

ATE: Acute Toxicity Estimate

LC50: 50% Lethal Concentration

LD50: 50% Lethal Dose

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
+	Sensitizers		

Key literature references and sources for data used to compile the SDS

U.S. Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

U.S. Environmental Protection Agency

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan National Institute of Technology and Evaluation (NITE)

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

U.S. National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications

International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program

International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set

United Nations World Health Organization (WHO)

Revision Date 11-Mar-2025

Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.