

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)  
Issue date: 4/1/2025 Revision date: 4/10/2025 Supersedes: 4/1/2025 Version: 1.1

### SECTION 1 Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : 51073 - One Part Industrial Adhesive

#### 1.2. Other means of identification

Other means of identification : NK

#### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Adhesives, binding agents  
Recommended use : Adhesives, binding agents  
Restrictions on use : Not determined

#### 1.4. Supplier's details

Fenner Dunlop Conveyor Belting  
654 Camp Joy Road  
Building 2 Suite B  
Bluefield, VA, 24705  
T 276-322-1426  
[mark.myers@fennerdunlop.com](mailto:mark.myers@fennerdunlop.com)

#### 1.5. Emergency phone number

Emergency number : CHEMTREC, U.S. : 1-800-424-9300 International: +1-703-527-3877

### SECTION 2 Hazard Identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Flammable liquid, Category 2	H225	Highly flammable liquid and vapor.
Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 2	H319	Causes serious eye irritation.
Germ cell mutagenicity, Category 1B	H340	May cause genetic defects.
Carcinogenicity, Category 1B	H350	May cause cancer.
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336	May cause drowsiness or dizziness.
Hazardous to the aquatic environment — Acute Hazard, Category 1	H400	Very toxic to aquatic life.
Hazardous to the aquatic environment — Chronic Hazard, Category 1	H410	Very toxic to aquatic life with long lasting effects.

Full text of H statements : see section 16

#### 2.2. Label elements

##### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger  
Hazard statements (GHS US) : H225 - Highly flammable liquid and vapor  
H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness

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### Precautionary statements (GHS US)

H340 - May cause genetic defects.  
H350 - May cause cancer.  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects

: 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.  
P233 - Keep container tightly closed.  
P240 - Ground/Bond container and receiving equipment.  
P241 - Use explosion-proof equipment.  
P242 - Use non-sparking tools.  
P243 - Take action to prevent static discharges.  
P261 - Avoid breathing dust, fume, gas, mist, vapors, spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves.  
P302+P352 - If on skin: Wash with plenty of water.  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P312 - Call a poison center or doctor if you feel unwell.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P332+P313 - If skin irritation occurs: Get medical advice or attention.  
P337+P313 - If eye irritation persists: Get medical advice or attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P370+P378 - In case of fire: Use appropriate media to extinguish.  
P391 - Collect spillage.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

### 2.4. Hazards not otherwise classified

No additional information available

### 2.5. Unknown acute toxicity

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Product identifier	%	GHS US classification
Naphtha, petroleum, hydrotreated light	CAS-No.: 64742-49-0	80 – 100	Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304
n-Heptane	CAS-No.: 142-82-5	30 – 60	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
3-Methylhexane	CAS-No.: 589-34-4	15 – 40	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Methylcyclohexane	CAS-No.: 108-87-2	10 – 30	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
2-Methylhexane	CAS-No.: 591-76-4	10 – 30	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
3-Ethylpentane	CAS-No.: 617-78-7	1 – 5	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2,3-Dimethylpentane	CAS-No.: 565-59-3	1 – 5	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Carbon black	CAS-No.: 1333-86-4	0.5 – 1.5	Carc. 2, H351
Sulfur	CAS-No.: 7704-34-9	0.1 – 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 1, H410
Zinc oxide (ZnO)	CAS-No.: 1314-13-2	0.1 – 1	Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Isopropyl alcohol	CAS-No.: 67-63-0	0.1 – 1	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

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

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### SECTION 4 First aid measures

#### 4.1. Description of necessary first-aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after 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.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.

#### 4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Eye irritation.
Symptoms/effects after ingestion	: None under normal conditions.

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

Other medical advice or treatment	: Treat symptomatically.
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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

#### 5.2. Specific hazards arising from the chemical

Fire hazard	: Highly flammable liquid and vapor.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6 Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.
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##### For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Avoid breathing dust/fume/gas/mist/vapors/spray.

##### For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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- Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.
- Environmental precautions : Avoid release to the environment. Notify authorities if product enters sewers or public waters.

### 6.2. Methods and materials for containment and cleaning up

- For containment : Collect spillage. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.
- Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

### 7.2. Conditions for safe storage, including incompatibilities

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

Naphtha, petroleum, hydrotreated light (64742-49-0)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	100 ppm (Hexane (Commercial, <54% n-Hexane))
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans, Skin - potential significant contribution to overall exposure by the cutaneous route
n-Heptane (142-82-5)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA	400 ppm (Heptane, all isomers)
ACGIH OEL STEL	500 ppm (Heptane, all isomers)

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<b>n-Heptane (142-82-5)</b>	
<b>USA - OSHA - Occupational Exposure Limits</b>	
OSHA PEL TWA	2000 mg/m <sup>3</sup> 500 ppm
<b>3-Methylhexane (589-34-4)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA	400 ppm (Heptane, all isomers)
ACGIH OEL STEL	500 ppm (Heptane, all isomers)
<b>Methylcyclohexane (108-87-2)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA	100 ppm
<b>USA - OSHA - Occupational Exposure Limits</b>	
OSHA PEL TWA	2000 mg/m <sup>3</sup> 500 ppm
<b>2-Methylhexane (591-76-4)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA	400 ppm (Heptane, all isomers)
ACGIH OEL STEL	500 ppm (Heptane, all isomers)
<b>2,3-Dimethylpentane (565-59-3)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA	400 ppm (Heptane, all isomers)
ACGIH OEL STEL	500 ppm (Heptane, all isomers)
<b>Carbon black (1333-86-4)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA	3 mg/m <sup>3</sup> (inhalable particulate matter)
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
<b>USA - OSHA - Occupational Exposure Limits</b>	
OSHA PEL TWA	3.5 mg/m <sup>3</sup>
<b>Zinc oxide (ZnO) (1314-13-2)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA	2 mg/m <sup>3</sup> (respirable particulate matter)
ACGIH OEL STEL	10 mg/m <sup>3</sup> (respirable particulate matter)
<b>USA - OSHA - Occupational Exposure Limits</b>	
OSHA PEL TWA	5 mg/m <sup>3</sup> (fume) 15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
<b>Isopropyl alcohol (67-63-0)</b>	
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA	200 ppm

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Isopropyl alcohol (67-63-0)	
ACGIH OEL STEL	400 ppm
ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA - ACGIH - Biological Exposure Indices	
BEI (BLV)	40 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift at end of workweek (background, nonspecific)
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA	980 mg/m <sup>3</sup> 400 ppm

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment

#### Personal protective equipment:

Wear recommended personal protective equipment.

<b>Hand protection:</b>
Protective gloves against chemicals (EN 374). nitrile rubber gloves
<b>Eye protection:</b>
Safety glasses
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
[In case of inadequate ventilation] wear respiratory protection.

#### Personal protective equipment symbol(s):



## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state : Liquid  
Appearance : Viscous.  
Color : Black  
Odor : Solvent  
Odor threshold : No data available  
pH : No data available  
Melting point : Not applicable  
Freezing point : No data available  
Boiling point : 93.3 °C (200 F)  
Flash point : -9.4 °C (15 F)  
Relative evaporation rate (butyl acetate=1) : 4.2

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Flammability (solid, gas)	: Not applicable.
Vapor pressure	: 5.3 kPa
Relative vapor density at 20°C	: No data available
Relative density	: 0.73
Solubility	: Insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: 203.8 °C (398.8 F)
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: Lower explosion limit: 1 vol % Upper explosion limit: 6.7 vol %
Particle characteristics	: No data available

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

No additional information available

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

Highly flammable liquid and vapor.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

Acids. Strong oxidizing agents.

### 10.6. Hazardous decomposition products

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

## SECTION 11 Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.

#### Naphtha, petroleum, hydrotreated light (64742-49-0)

LD50 oral rat	> 5000 mg/kg (Source: IUCLID)
LD50 dermal rabbit	> 3160 mg/kg (Source: IUCLID)
LC50 Inhalation - Rat [ppm]	73680 ppm/4h

#### n-Heptane (142-82-5)

LD50 dermal rabbit	3000 mg/kg (Source: IUCLID)
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<b>n-Heptane (142-82-5)</b>	
LC50 Inhalation - Rat	> 29.29 mg/l/4h
ATE US (dermal)	3000 mg/kg body weight
<b>Methylcyclohexane (108-87-2)</b>	
LD50 oral rat	> 3200 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	> 86700 mg/kg (Source: JAPAN_GHS)
<b>Carbon black (1333-86-4)</b>	
LD50 oral rat	> 10000 mg/kg (Source: ECHA)
LD50 dermal rabbit	> 2000 mg/kg (Source: ECHA_API)
<b>Sulfur (7704-34-9)</b>	
LD50 oral rat	> 2000 mg/kg (Source: ECHA)
LD50 dermal rat	> 2000 mg/kg (Source: ECHA)
LC50 Inhalation - Rat	> 5.43 mg/l/4h
<b>Zinc oxide (ZnO) (1314-13-2)</b>	
LD50 oral rat	> 5000 mg/kg (Source: EU_RAR)
LD50 dermal rat	> 2000 mg/kg (Source: ECHA)
LC50 Inhalation - Rat	> 5700 mg/m <sup>3</sup> (Exposure time: 4 h Source: ECHA_API)
<b>Isopropyl alcohol (67-63-0)</b>	
LD50 oral rat	4710 - 5840 mg/kg (Source: OECD_SIDS)
LD50 dermal rabbit	4059 mg/kg (Source: JAPAN_GHS)
LC50 Inhalation - Rat [ppm]	> 10000 ppm (Exposure time: 6 h Source: ECHA_API)
Skin corrosion/irritation	: Causes skin irritation.
<b>Zinc oxide (ZnO) (1314-13-2)</b>	
pH	6.95 (American Process)
Serious eye damage/irritation	: Causes serious eye irritation.
<b>Zinc oxide (ZnO) (1314-13-2)</b>	
pH	6.95 (American Process)
Respiratory or skin sensitization	: Not classified.
Germ cell mutagenicity	: May cause genetic defects.
Carcinogenicity	: May cause cancer.
<b>Carbon black (1333-86-4)</b>	
IARC group	2B - Possibly carcinogenic to humans
In OSHA Hazard Communication Carcinogen list	Yes
<b>Isopropyl alcohol (67-63-0)</b>	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified.

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STOT-single exposure : May cause drowsiness or dizziness.

<b>n-Heptane (142-82-5)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>3-Methylhexane (589-34-4)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>Methylcyclohexane (108-87-2)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>2-Methylhexane (591-76-4)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>3-Ethylpentane (617-78-7)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>2,3-Dimethylpentane (565-59-3)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>Isopropyl alcohol (67-63-0)</b>	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified.  
Aspiration hazard : Not classified.  
Symptoms/effects : May cause drowsiness or dizziness.  
Symptoms/effects after inhalation : None under normal conditions.  
Symptoms/effects after skin contact : Irritation.  
Symptoms/effects after eye contact : Eye irritation.  
Symptoms/effects after ingestion : None under normal conditions.

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

Ecology - general : Very toxic to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Very toxic to aquatic life.  
Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.

<b>Naphtha, petroleum, hydrotreated light (64742-49-0)</b>	
LC50 - Fish [1]	8.41 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static, closed] Source: ECHA)
<b>n-Heptane (142-82-5)</b>	
LC50 - Fish [1]	375.0 mg/l (Exposure time: 96 h - Species: Cichlid fish)
<b>Methylcyclohexane (108-87-2)</b>	
LC50 - Fish [1]	2.07 mg/l (Exposure time: 96 h - Species: Oryzias latipes [semi-static] Source: ECHA)
<b>Sulfur (7704-34-9)</b>	
LC50 - Fish [1]	866 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static] Source: IUCLID)
LC50 - Fish [2]	< 14 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)

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Zinc oxide (ZnO) (1314-13-2)	
LC50 - Fish [1]	1.55 mg/l (Exposure time: 96 h - Species: Danio rerio [static] Source: ECHA)
Isopropyl alcohol (67-63-0)	
LC50 - Fish [1]	9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: IUCLID)
EC50 - Crustacea [1]	13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID)
EC50 72h - Algae [1]	> 1000 mg/l (Species: Desmodesmus subspicatus)
EC50 96h - Algae [1]	> 1000 mg/l (Species: Desmodesmus subspicatus)

### 12.2. Persistence and degradability

51073 - One Part Industrial Adhesive	
Persistence and degradability	Not rapidly degradable

### 12.3. Bioaccumulative potential

n-Heptane (142-82-5)	
Partition coefficient n-octanol/water (Log Pow)	4.66
Isopropyl alcohol (67-63-0)	
Partition coefficient n-octanol/water (Log Pow)	0.05 (at 25 °C)

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone : Not classified.  
Fluorinated greenhouse gases : No

## SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.  
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.  
Sewage disposal recommendations : Disposal must be done according to official regulations.  
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.  
Additional information : Flammable vapors may accumulate in the container. Do not re-use empty containers.

## SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

### 14.1. UN number

UN-No. (DOT) : UN1133  
UN-No. (IMDG) : 1133  
UN-No. (IATA) : 1133

### 14.2. UN Proper Shipping Name

Proper Shipping Name (DOT) : Adhesives

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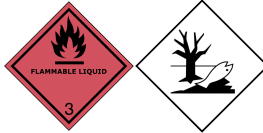
according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Proper Shipping Name (IMDG) : ADHESIVES  
Proper Shipping Name (IATA) : Adhesives

### 14.3. Transport hazard class(es)

#### DOT

Transport hazard class(es) (DOT) : 3  
Hazard labels (DOT) : 3



#### IMDG

Transport hazard class(es) (IMDG) : 3  
Hazard labels (IMDG) : 3



#### IATA

Transport hazard class(es) (IATA) : 3  
Hazard labels (IATA) : 3



### 14.4. Packing group

Packing group (DOT) : II  
Packing group (IMDG) : II  
Packing group (IATA) : II

### 14.5. Environmental hazards

Dangerous for the environment : Yes  
Marine pollutant : Yes



Other information : No supplementary information available.

### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

#### DOT

UN-No. (DOT) : UN1133

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DOT Special Provisions (49 CFR 172.102)	: 149 - When transported as a limited quantity or a consumer commodity, the maximum net capacity specified in 173.150(b)(2) of this subchapter for inner packaging may be increased to 5 L (1.3 gallons). B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks. IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized. T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0 C (32 F).
DOT Packaging Exceptions (49 CFR 173.xxx)	: 150
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 173
DOT Packaging Bulk (49 CFR 173.xxx)	: 242
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 60 L
DOT Vessel Stowage Location	: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

### IMDG

Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
Packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP8
EmS-No. (Fire)	: F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	: S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS
Stowage category (IMDG)	: B
Properties and observations (IMDG)	: Adhesives are solutions of gums, resins, etc., usually volatile due to the solvents. Miscibility with water depends upon their composition.

### IATA

Special provision (IATA)	: A3
PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y341
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 353
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60L
ERG code (IATA)	: 3L

# 51073 - One Part Industrial Adhesive

## Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

### SECTION 15 Regulatory information

#### 15.1. Federal regulations

##### 51073 - One Part Industrial Adhesive

SARA Section 311/312 Hazard Classes	Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Specific target organ toxicity (single or repeated exposure) Health hazard - Skin corrosion or Irritation Health hazard - Serious eye damage or eye irritation Health hazard - Germ cell mutagenicity Health hazard - Carcinogenicity
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All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

3-Ethylpentane	CAS-No. 617-78-7	1 – 5%
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Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Isopropyl alcohol	CAS-No. 67-63-0	0.1 – 1%
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#### 15.2. International regulations

No additional information available

#### 15.3. State regulations

 **WARNING:** This product can expose you to Carbon black, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Component	State or local regulations
n-Heptane(142-82-5)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
3-Methylhexane(589-34-4)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Methylcyclohexane(108-87-2)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
2-Methylhexane(591-76-4)	U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
2,3-Dimethylpentane(565-59-3)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Carbon black(1333-86-4)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Sulfur(7704-34-9)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List
Zinc oxide (ZnO)(1314-13-2)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

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Component	State or local regulations
Isopropyl alcohol(67-63-0)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

### SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Revision date : 4/10/2025

Issue date : 4/1/2025

Full text of hazard classes and H-statements	
H225	Highly flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

Safety Data Sheet (SDS), USA

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