Duralink 50

Safety Data Sheet

according to SOR/2015-17, Hazardous Products Regulations (HPR), as amended by SOR/2022-272

Version 5.0 Issue date: 2026-02-05 Supersedes version 4.0 (issued 10-14/2020)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture

Product name : Duralink 50

Product use : Sealant

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Chem Link, Inc.
353 E. Lyons St.
Schoolcraft, MI 49087

1.4. Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300 (acct # CCN20515); 24/7. CANUTEC 1-613-996-6666

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Skin sensitization, Category 1	H317	May cause an allergic skin reaction.
Reproductive toxicity, Category 1B	H360	May damage fertility or the unborn child.

2.2. GHS Label elements, including precautionary statements

GHS CA labelling

Hazard pictograms (GHS CA) :

Signal word (GHS CA) : Danger

Hazard statements (GHS CA) :
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H360 - May damage fertility or the unborn child

Precautionary statements (GHS CA) :
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P261 - Avoid breathing dust, fume, gas, mist, vapours, spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.
P302+P352 - IF ON SKIN: Wash with plenty of water.
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 or attention.
P310 - Immediately call a POISON CENTER or a doctor.
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
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. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification (GHS CA)
Fatty acids, C8-18 and C18-unsatd.	(CAS-No.) 67701-05-7	1 – 5	Not classified
N-[3-(Trimethyoxysilyl)propyl]-1,2-ethanediamine	(CAS-No.) 1760-24-3	1 – 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317
Silane, ethenyltrimethoxy-	(CAS-No.) 2768-02-7	0.1 – 1	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Skin Sens. 1B, H317
Bis(2,2,6,6,-tetramethyl-4-piperidyl) sebacate	(CAS-No.) 52829-07-9	0.1 – 1	Acute Tox. 2 (Inhalation:dust,mist), H330 Eye Dam. 1, H318 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Dibutyltin oxide	(CAS-No.) 818-08-6	0.1 – 1	Acute Tox. 2 (Oral), H300 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Muta. 2, H341 Repr. 1B, H360 STOT SE 1, H370 STOT RE 1, H372 Aquatic Chronic 1, H410

***In accordance with the amendment to Section 4.5 of the Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015) the actual concentration has been withheld as a trade secret**

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

First-aid measures after inhalation : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.

First-aid measures after skin contact : IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention immediately.

First-aid measures after eye contact : IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get medical attention immediately. Continue rinsing.

First-aid measures after ingestion : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.

4.2. First-aid measures

Symptoms/effects : Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction. May damage fertility. May damage the unborn child.

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Causes skin irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Causes serious eye damage.

Symptoms/effects after ingestion : May cause gastrointestinal irritation.

Chronic symptoms : May damage fertility. May damage the unborn child.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Foam. Carbon dioxide. Dry powder. Water spray.

5.2. Unsuitable extinguishing media

No additional information available

5.3. Specific hazards arising from the hazardous product

Fire hazard : Not flammable.

Explosion hazard : Product is not explosive.

Reactivity in case of fire : None known.

Hazardous decomposition products in case of fire : Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids and gases, including carbon oxides and other organic compounds will be evolved when this material undergoes thermal degradation.

5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Do not dispose of fire-fighting water in the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Self-contained breathing apparatus.

Precautionary measures fire : Eliminate all ignition sources if safe to do so.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area. Ventilate area. Keep upwind. Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

6.2. Methods and materials for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Prevent entry to sewers and public waters.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. This material and its container must be disposed of in a safe way, and as per local legislation.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Keep container closed when not in use. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container. Keep container closed when not in use. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store in a dry, cool and well-ventilated place.

Incompatible materials : No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Silane, ethenyltrimethoxy- (2768-02-7)

Canada (Ontario) - Occupational Exposure Limits	
OEL TWAEV	60 mg/m³
	10 ppm
USA - ACGIH - Occupational Exposure Limits	
Remark (ACGIH®)	OELs not established
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	OELs not established

Bis(2,2,6,6,-tetramethyl-4-piperidyl) sebacate (52829-07-9)	
Canada - all provinces	
Remark	OELs not established
USA - ACGIH - Occupational Exposure Limits	
Remark (ACGIH®)	OELs not established
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	OELs not established

Fatty acids, C8-18 and C18-unsatd. (67701-05-7)	
Canada - all provinces	
Remark	OELs not established
USA - ACGIH - Occupational Exposure Limits	
Remark (ACGIH®)	OELs not established
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	OELs not established

N-[3-(Trimethyoxysilyl)propyl]-1,2-ethanediamine (1760-24-3)	
Canada - all provinces	
Remark	OELs not established
USA - ACGIH - Occupational Exposure Limits	
Remark (ACGIH®)	OELs not established
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	OELs not established

Dibutyltin oxide (818-08-6)	
Canada - all provinces	
Remark	OELs not established
USA - ACGIH - Occupational Exposure Limits	
Remark (ACGIH®)	OELs not established
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	OELs not established

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Ensure adequate ventilation, especially in confined areas.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Protective goggles. Wear chemically impervious apron over labcoat and full coverage clothing.

Hand protection	:	Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Be aware that the chemical may penetrate the gloves. Frequent changes are advisable. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.
Eye protection	:	Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.
Skin and body protection	:	Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.
Respiratory protection	:	Use NIOSH (or other equivalent national standard) -approved dust/particulate respirator. Where vapour, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Varies
Odour	:	No data available
Odour threshold	:	No data available
pH	:	No data available
Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Flammability	:	No data available
Vapour pressure	:	No data available
Relative vapour density at 20°C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
No data availableViscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive limits	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity	:	No dangerous reactions known under normal conditions of use.
Chemical stability	:	Stable under recommended handling and storage conditions (see section 7).
Possibility of hazardous reactions	:	None under normal use.
Conditions to avoid	:	None under normal use.
Incompatible materials	:	None known.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hardening time:	:	No additional information available

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

Silane, ethenyltrimethoxy- (2768-02-7)	
LD50 oral rat	7340 µl/kg (Source: NLM_CIP)
LD50 dermal rabbit	3.54 ml/kg (Source: ECHA_API)
LC50 Inhalation - Rat	16.8 mg/l/4h
ATE CA (oral)	6899.6 mg/kg bodyweight
ATE CA (Dermal)	3327.6 mg/kg bodyweight
ATE CA (Gases)	4500 ppmv/4h
ATE CA (vapours)	16.8 mg/l/4h
ATE CA (dust,mist)	1.5 mg/l/4h

Bis(2,2,6,6,-tetramethyl-4-piperidyl) sebacate (52829-07-9)	
LD50 oral rat	3700 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
LD50 dermal rat	> 3170 mg/kg (Source: ECHA_API)
LC50 Inhalation - Rat	500 mg/m³ (Exposure time: 4 h Source: ECHA_API)
ATE CA (dust,mist)	0.05 mg/l/4h

Fatty acids, C8-18 and C18-unsatd. (67701-05-7)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg bodyweight
LC50 Inhalation - Rat	> 0.162 mg/l 4h

N-[3-(Trimethyoxysilyl)propyl]-1,2-ethanediamine (1760-24-3)	
LD50 oral rat	2413 mg/kg (Source: EPA_HPV)
LD50 dermal rabbit	> 2009 mg/kg (Source: ECHA_API)
LC50 Inhalation - Rat	1.49 – 2.44 mg/l/4h
ATE CA (oral)	500 mg/kg bodyweight
ATE CA (vapours)	1.49 mg/l/4h
ATE CA (dust,mist)	1.49 mg/l/4h

Dibutyltin oxide (818-08-6)	
LD50 oral rat	44.9 mg/kg
LD50 dermal rat	> 2000 mg/kg (Source: EU_CLH)
LC50 Inhalation - Rat	> 2000 mg/kg

Dibutyltin oxide (818-08-6)	
ATE CA (oral)	44.9 mg/kg bodyweight

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye damage.
Respiratory or skin sensitization : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Titanium dioxide (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans
In OSHA Hazard Communication Carcinogen list	Yes

Carbon black (1333-86-4)	
IARC group	2B - Possibly carcinogenic to humans
In OSHA Hazard Communication Carcinogen list	Yes

Reproductive toxicity : May damage fertility or the unborn child.
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified
Symptoms/effects : Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction. May damage fertility. May damage the unborn child.
Symptoms/effects after inhalation : May cause respiratory irritation.
Symptoms/effects after skin contact : Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact : Causes serious eye damage.
Symptoms/effects after ingestion : May cause gastrointestinal irritation.
Chronic symptoms : May damage fertility. May damage the unborn child.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No data available.
Hazardous to the aquatic environment, short–term (acute) : Not classified
Hazardous to the aquatic environment, long–term (chronic) : Not classified

Silane, ethenyltrimethoxy- (2768-02-7)	
LC50 - Fish [1]	191 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [not specified] Source: ECHA)
EC50 - Crustacea [1]	168.7 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	> 957 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC (chronic)	28.1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
Partition coefficient n-octanol/water (Log Pow)	-0.82 Source: ECHA Registered substances
LOEC (chronic)	52.4 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

Bis(2,2,6,6,-tetramethyl-4-piperidyl) sebacate (52829-07-9)	
LC50 - Fish [1]	4.4 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through] Source: ECHA)
EC50 72h - Algae [1]	0.705 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	1.9 mg/l Source: OECD Screening Information Data Set
NOEC (chronic)	0.23 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
Partition coefficient n-octanol/water (Log Pow)	0.35 (at 25 °C (at pH 7)
LOEC (chronic)	0.61 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

Fatty acids, C8-18 and C18-unsatd. (67701-05-7)	
LC50 - Fish [1]	49.733 mg/l Source: Ecological Structure Activity Relationships
LC50 - Fish [2]	> 1.9 mg/l Test organisms (species): Oryzias latipes
EC50 96h - Algae [1]	40.336 mg/l Source: Ecological Structure Activity Relationships
Partition coefficient n-octanol/water (Log Pow)	3.21 Source: Ecological Structure Activity Relationships

N-[3-(Trimethyoxysilyl)propyl]-1,2-ethanediamine (1760-24-3)	
LC50 - Fish [1]	200 mg/l Source: Static,EPA-660/3-75-009,SIDS
EC50 - Crustacea [1]	90 mg/l Source: Static,OECD Guide-line 202,SIDS
ErC50 algae	8.8 mg/l Source: OECD Guide-line 201,SIDS
EC50 72h - Algae [1]	126 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	352 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
Partition coefficient n-octanol/water (Log Pow)	-1.67

Dibutyltin oxide (818-08-6)	
LC50 - Fish [1]	3.1 mg/l Source: ECHA
EC50 - Crustacea [1]	2 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	≥ 1.6 mg/l Source: ECHA
Partition coefficient n-octanol/water (Log Pow)	5.33 Source: ECHA

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Obtain the consent of pollution control authorities before discharging to wastewater treatment plants. No discharges to surface waters are allowed without authorization under the Wastewater Systems Effluent Regulations. Follow all national, provincial and local requirements for wastewater discharge.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

SECTION 14: Transport information

Transportation of Dangerous Goods

Not regulated for transport

Department of Transportation (DOT)

In accordance with DOT

Not regulated for transport

Transport by sea (IMDG)

Not regulated for transport

Air transport (IATA)

Not regulated for transport

SECTION 15: Regulatory information

15.1. National regulations

Duralink 50
All chemical substances in this product are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL) or are exempt.

15.2. International regulations

Duralink 50
All chemical substances in this product are listed as “Active” in the EPA (Environmental Protection Agency) “TSCA Inventory Notification (Active-Inactive) Requirements Rule” (“the Final Rule”) as of February 2019 or are otherwise exempt.

SECTION 16: Other information

Issue date : 2026/02/05

Other information : Author: JAD.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.