XCEL™ PS1

100% Premium Silicone Safety Data Sheet

Section 1: Identification

Product Name: Xcel 100% Premium Silicone

Manufacturer/Supplier: Xcel Products Inc
PO Box 556, 7398 Yonge St,
Unit 6D, Thornhill, ON, L4J 8J2

Contact Phone Number: 1-844-923-5776

Section 2: Hazards Identification

GHS Information

Classification:

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hazardous to the aquatic environment – H412
Chronic Hazard, Category 3

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects
Harmful to aquatic life with long lasting effects.

Label Elements

Hazards:

Labelling according to Regulation (EC) No. 1272/2008 [CLP]:

Signal word (CLP): -

Hazard statements (CLP): H412 - Harmful to aquatic life with long lasting effects.

EUH-statements: EUH208 - Contains 4,5-dichloro-2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

EUH210 - Safety data sheet available on request.

Other Hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Section 3: Composition / Information on Ingredients

Hazardous Ingredients	Product Identifier	Classification according to Regulation (EC) No. 1272/2008 [CLP]	% wt.
4,5-dichloro-2-octyl-2H-isothiazol-3-one	(CAS-No.) 64359-81-5 (EC-No.) 264-843-8 (EC Index-No.) 613-335-00-8	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation), H330 Skin Corr. 1, H314 (0.0015 ≤C ≤ 100) Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) Skin Irrit. 2, H315 (0.025 ≤C < 5) Eye Irrit. 2, H319 (0.025 ≤C < 3)	0.012 – 0.024

Section 4: First-Aid Measures

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Skin: Wash skin with plenty of water.

Eye Contact: Rinse eyes with water as a precaution.

Ingestion: Call a poison center or a doctor if you feel unwell.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media: Water spray. Dry powder. Foam. Carbon dioxide.

Hazardous decomposition products in case of fire: Toxic fumes may be released.

Protection for firefighters: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Section 6: Accidental Release Measures

Emergency Procedures: As an immediate precautionary measure, isolate spill or leak area. Keep unauthorized personnel away. Ventilate spillage area. Do not touch or walk through spilled material.

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: Avoid release to the environment.

Methods for Containment: Dispose of materials or solid residues at an authorized site.

See Section 13 for disposal considerations.

Methods for Clean-Up: Take up liquid spill into absorbent material.

Section 7: Handling and Storage

Handling: Ensure good ventilation of the work station. Wear personal protective equipment.

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

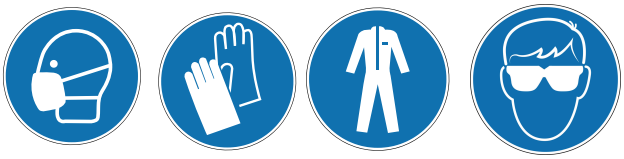
Storage: Store in a well-ventilated place. Keep cool.

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapour, gas, etc.) below recommended exposure limits.

Personal Protective Equipment (PPE):



Eye/Face Protection: Wear chemical safety goggles.

Hand Protection: Wear protective gloves.

Skin and Body Protection: Wear protective clothing.

Respiratory Protection: Wear respiratory protection.

Section 9: Physical and Chemical Properties

Appearance: Paste

Colour: Clear

Odour: Characteristic (acetic acid)

Physical State: Liquid

Density: 1.02 g/cm³ ±0,03

Section 10: Stability and Reactivity

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

Chemical Stability: Stable under normal storage conditions.

Possibility of Hazardous Reactions: No dangerous reactions known under normal conditions of use.

Conditions to avoid: None under recommended storage and handling conditions (see section 7).

Incompatible Materials: No additional information available

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

Section 11: Toxicological Information

Effects of Acute Exposure
Component Toxicity

Component	CAS No.	LD50 oral	LC50	NOAEL (subacute, oral, animal/male, 28 days)
4,5-dichloro-2-octyl-2H-isothiazol-3-one	64359-81-5	1.636 mg/kg (rat)	0.26 mg/l/4h (rat)	20 mg/kg bodyweight

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Target organs: Skin. Eyes. Gastrointestinal tract. Respiratory system. Lungs. Cardiovascular system. Central nervous system.

Symptoms (including delayed and immediate effects)

Inhalation: Did not cause allergic skin reactions when tested in guinea pigs based on testing for a similar product.

Eye: Not applicable

Skin: Did not cause allergic skin reactions when tested in guinea pigs based on testing for a similar product.

Ingestion: Not applicable

Section 12: Ecological Information

Ecotoxicity: Harmful to aquatic life with long lasting effects.

4,5-dichloro-2-octyl-2H-isothiazol-3-one (64359-81-5)	
LC50 - Fish [1]	0.0027 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Pisces, Experimental value)
EC50 - Crustacea [1]	0.0052 mg/l (48 h, Daphnia magna, Literature study)
EC50 - Other aquatic organisms [1]	> 5.7 mg/l
ErC50 algae	0.077 mg/l (OECD 201: Alga, Growth Inhibition Test, 96 h, Pseudokirchneriella subcapitata, Experimental value)
NOEC (chronic)	0.00063 mg/l
NOEC chronic fish	0.00056 mg/l

Persistence/Degradability:

4,5-dichloro-2-octyl-2H-isothiazol-3-one (64359-81-5)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.

Bioaccumulation/Accumulation:

4,5-dichloro-2-octyl-2H-isothiazol-3-one (64359-81-5)	
Partition coefficient n-octanol/water (Log Pow)	3.59 (Literature study)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Mobility in Soil:

4,5-dichloro-2-octyl-2H-isothiazol-3-one (64359-81-5)	
Ecology - soil	No (test)data on mobility of the substance available. Toxic to flora.

Other Adverse Effects: Not available

Section 13: Disposal Considerations

Waste Treatment Methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations: Do not discharge into drains or the environment. Dispose of at authorized waste collection point.

Ecology – waste materials: Avoid release to the environment.

European List of Waste (LoW) code 15 01 10* - packaging containing residues of or contaminated by dangerous substances
08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances

R code/ D code R2 - Solvent reclamation/regeneration

Section 14: Transport Information

In accordance with ADR / IMDG / IATA / ADN / RID: Not applicable

Overland Transport: Not applicable

Transport by sea: Not applicable

Air Transport: Not applicable

Inland waterway transport: Not applicable

Rail Transport: Not applicable

Section 15: Regulatory Information

United States

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Section 16: Other Information

Disclaimer

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