



Material Safety Data Sheet

Section 1: PRODUCT AND COMPANY INFORMATION

Product Name(s): DAROTopp®

Product Identifiers: DAROTopp®

Manufacturer:

DARO Flooring Constructions Inc.
30 Pennsylvania Ave, Unit 5
Concord, ON, L4K 4A5 CANADA

Information Telephone Number:

1-877-760-3276

Emergency Telephone Number:

647-222-3345

Product Use: DAROTopp® is a ready-mix, pump applied, Free-flowing, self-consolidating floor topping.

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

Component	Percent (By Weight)	CAS Number	OSHA PEL -TWA (mg/m ³)	ACGIH TLV-TWA (mg/m ³)	LD ₅₀	LC ₅₀
Crystalline Silica	50-75	14808-60-7	[(10) / (%SiO ₂ +2)] (R); [(30) / (%SiO ₂ +2)] (T)	0.025 (R)	NA	NA
Calcium Sulfate	15-30	7778-18-9	5 (R); 15 (T)	10 (I)	NA	NA
Particulate Not Otherwise Regulated	NA	NA	5 (R); 15 (T)	3 (R); 10 (T)	NA	NA

Section 3: HAZARD IDENTIFICATION

	WARNING	
	<p>Corrosive - Causes severe burns. Toxic - Harmful by inhalation. (Contains crystalline silica)</p> <p>Use proper engineering controls, work practices, and personal protective equipment to prevent exposure to wet or dry product.</p> <p>Read MSDS for details.</p>	

Emergency Overview: Unhardened DAROTopp® is An odorless semi-fluid, flowable, granular paste of varying color and texture. It is not combustible or explosive. Exposure of sufficient duration to wet DAROTopp® can cause serious, potentially irreversible tissue (skin, eye, respiratory tract) damage due to chemical (caustic) burns, including third degree burns.

Potential Health Effects:

Eye Contact: DAROTopp® may cause immediate or delayed irritation or inflammation. Eye contact with wet DAROTopp® can cause moderate eye irritation, chemical burns and blindness. Eye exposures require immediate first aid and medical attention to prevent significant damage to the eye.

Skin Contact: DAROTopp® may cause dry skin, discomfort, irritation, severe burns, and dermatitis.



Section 4: FIRST AID MEASURES (continued)

Note to Physician: The three types of silicosis include:

Simple chronic silicosis – which results from long-term exposure (more than 20 years) to low amounts of respirable crystalline silica. Nodules of chronic inflammation and scarring provoked by the respirable crystalline silica form in the lungs and chest lymph nodes. This disease may feature breathlessness and may resemble chronic obstructive pulmonary disease (COPD).

Accelerated silicosis – occurs after exposure to larger amounts of respirable crystalline silica over a shorter period of time (5-15 years). Inflammation, scarring, and symptoms progress faster in accelerated silicosis than in simple silicosis.

Acute silicosis – results from short-term exposure to very large amounts of respirable crystalline silica. The lungs become very inflamed and may fill with fluid, causing severe shortness of breath and low blood oxygen levels.

Progressive massive fibrosis may occur in simple or accelerated silicosis, but is more common in the accelerated form. Progressive massive fibrosis results from severe scarring and leads to the destruction of normal lung structures.

Section 5: FIREFIGHTING MEASURES

Flashpoint & Method:	Non-combustible	Firefighting Equipment:	DAROTopp® poses no fire-related hazard. A SCBA is recommended to limit exposures to combustion products when fighting any fire.
General Hazard:	Avoid breathing dust. Wet DAROTopp® is caustic.	Combustion Products:	None.
Extinguishing Media:	Use extinguishing media appropriate for surrounding fire.		

Section 6: ACCIDENTAL RELEASE MEASURES

General: Place spilled material into a container. Avoid contact with skin. Wear appropriate protective equipment as described in Section 8. Scrape wet DAROTopp® and place in container. Allow material to dry or solidify before disposal. Do not wash DAROTopp® down sewage and drainage systems or into bodies of water (e.g. streams).

Waste Disposal Method: Dispose of DAROTopp® according to Federal, State, Provincial and Local regulations.

Section 7: HANDLING AND STORAGE

Usage: Cutting, crushing or grinding hardened cement, DAROTopp® or other crystalline silica-bearing materials will release respirable crystalline silica. Use all appropriate measures of dust control or suppression, and Personal Protective Equipment (PPE) described in Section 8 below.

Storage Temperature: Unlimited. **Storage Pressure:** Unlimited.

Clothing: Promptly remove and launder clothing that is wet with DAROTopp®. Thoroughly wash skin after exposure to wet DAROTopp®.



Section 10: STABILITY AND REACTIVITY

Stability: Hardened DAROTopp® is stable. Avoid contact with incompatible materials.

Incompatibility: Wet DAROTopp® is alkaline and is incompatible with acids, ammonium salts, aluminum metal, diazomethane and phosphorus.

Hazardous Polymerization: None. **Hazardous Decomposition:** None.

Section 11 and 12: TOXICOLOGICAL AND ECOLOGICAL INFORMATION

For questions regarding toxicological and ecological information refer to contact information in Section 1.

Section 13: DISPOSAL CONSIDERATIONS

Dispose of waste and containers in compliance with applicable Federal, State, Provincial and Local regulations.

Section 14: TRANSPORT INFORMATION

This product is not classified as a Hazardous Material under U.S. DOT or Canadian TDG regulations.

Section 15: REGULATORY INFORMATION

OSHA/MSHA Hazard Communication: This product is considered by OSHA/MSHA to be a hazardous chemical and should be included in the employer's hazard communication program.

CERCLA/SUPERFUND: This product is not listed as a CERCLA hazardous substance.

EPCRA SARA Title III: This product has been reviewed according to the EPA Hazard Categories promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 and is considered a hazardous chemical and a delayed health hazard.

EPCRA SARA Section 313: This product contains none of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

RCRA: If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

TSCA: Portland cement and crystalline silica are exempt from reporting under the inventory update rule.

California Proposition 65: Crystalline silica (airborne particulates of respirable size) is known by the State of California to cause cancer.

WHMIS/DSL: Products containing crystalline silica are classified as D2A, E and are subject to WHMIS requirements.

