



# CONCRETE & MASONRY ACRYLIC SEALER

Revision Date: 01/06/2020 Version: 02

## SAFETY DATA SHEET (SDS)

Section 1. Identification		
<b>Product identifier</b>	DUROCK TOP COAT 18% SOLIDS CONCRETE & MASONRY ACRYLIC SEALER	
<b>CAS No.</b>	Mixture	
<b>Product Group</b>	Finished Good	
<b>Recommended use and restrictions on use</b>	Solvent based paint / coating	
<b>Initial supplier identifier</b>	Selectone Paints Inc. 30 Gail Grove; Weston, Ontario, M9M 1M4, Canada. Phone: +1 416-742-8881	
<b>Emergency telephone number/restriction on use</b>	Toll Free: 1-800-875-9935	
Section 2. Hazard identification		
<b>Classification of hazardous product (name of the category or subcategory of the hazard class)</b>		
Flammable liquids (Category 2); Acute inhalation toxicity (Category 4) Specific target organ toxicity (Category 3) Skin irritation (Category 2)		
<b>Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)</b>		
 <p>Signal word: Danger            H225 Highly flammable liquid and vapor            H302 Harmful if swallowed            H312 Harmful in contact with skin            H319 Causes serious eye irritation            H336 May cause drowsiness or dizziness            H401 Toxic to aquatic</p> <p>P202- Do not handle until all safety precautions have been read and understood. P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P242: Use only non-sparking tools P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P340+P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical attention if you feel unwell. IF exposed or concerned: Call a doctor P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do—continue rinsing. P331 Do NOT induce vomiting. P370+378: In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents / container in accordance to federal rules, laws and regulations.</p>		
<b>Other hazards known</b>	None	
Section 3. Composition/information on ingredients		
<b>Chemical name (common name/synonyms)</b>	<b>CAS number or other</b>	<b>Concentration (%)</b>
Xylene	1330-20-7	1 – 30 %
Dimethyl Carbonate	616-38-6	1 – 30 %
Acetone	67-64-1	1 – 15 %
Tert-Butyl Acetate	540-88-5	1 – 30 %
Section 4. First-aid measures		
<b>Inhalation</b>	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical attention if you feel unwell. IF exposed or concerned: Call a doctor.	
<b>Ingestion</b>	IF SWALLOWED: Immediately call a doctor. DO NOT INDUCE VOMITING. NEVER give anything by mouth if victim is rapidly losing consciousness or is unconscious or convulsing. Rinse mouth thoroughly with water. Have victim drink two glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.	
<b>Skin contact</b>	IF ON SKIN: Rinse skin with water (5-10 minutes).	
<b>Eye contact</b>	IF IN EYES, Rinse cautiously with water for several minutes (15-20). Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.	
<b>Most important symptoms and effects (acute or delayed)</b>	Eye or respiratory tract irritation.	
<b>Indication of immediate medical attention/special treatment</b>	In all cases, call a doctor. Do not forget this document.	



# CONCRETE & MASONRY ACRYLIC SEALER

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Section 5. Fire-fighting measures			
<b>Specific hazards of the hazardous product (hazardous combustion products)</b>			
Hazardous decomposition products formed under fire conditions. - Carbon oxides			
<b>Suitable and unsuitable extinguishing media</b>			
In case of fire: Use alcohol-resistant foam, dry chemical or carbon dioxide.			
<b>Special protective equipment and precautions for fire-fighters</b>			
Wear self-contained breathing apparatus for firefighting if necessary.			
Section 6. Accidental release measures			
<b>Personal precautions, protective equipment and emergency procedures</b>			
Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8).			
<b>Methods and materials for containment and cleaning up</b>			
Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.			
Section 7. Handling and storage			
<b>Precautions for safe handling</b>			
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from clothing and other combustible materials. Wear gloves/protective clothing/eye protection/face protection. Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Keep away from incompatible materials (Section 10). Keep containers closed when not in use. Empty containers are always dangerous. Refer also to Section 8.			
<b>Conditions for safe storage, including any incompatibilities</b>			
Store in original container in a cool place away from incompatible materials. Keep container far from open flames and sparkles. Keep out of reach of children. Inspect all incoming containers to make sure they are properly labeled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks.			
Section 8. Exposure controls/Personal protection			
<b>Control parameters (biological limit values or exposure limit values and source of those values)</b>			
Xylene T.W.A 100 ppm ACGIH Acetone T.W.A 500 ppm ACGIH Tert-Butyl Acetate T.W.A 200 ppm ACGIH			
<b>Appropriate engineering controls</b>			
Use under well-ventilated conditions. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.			
<b>Individual protection measures/personal protective equipment</b>			
Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirators if the exposure limits are unknown. Chemically protective gloves (impervious), and other protective clothing to prevent prolonged or repeated skin contact, must be worn during all handling operations. Wear protective chemical splash goggles to prevent mists from entering the eyes. Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use.			
Section 9. Physical and chemical properties			
<b>Appearance, physical state/colour</b>	Liquid, Paint color	<b>Vapour pressure</b>	Not available
<b>Odour</b>	Paint Odour	<b>Vapour density</b>	Not available
<b>Odour threshold</b>	Not applicable	<b>Specific gravity</b>	0.90 ± .05
<b>pH</b>	Not applicable	<b>Solubility in water</b>	Insoluble
<b>Melting/freezing point</b>	Not applicable	<b>Partition coefficient - n-octanol/water</b>	Not available
<b>Initial boiling point/range</b>	105 °C	<b>Auto-ignition temperature</b>	Not available
<b>Flash point</b>	4°C closed cup	<b>Decomposition temperature</b>	Not available
<b>Evaporation rate</b>	Slower than ether	<b>Viscosity @25 c</b>	18-22 Seconds
		<b>Zahn #2</b>	



# CONCRETE & MASONARY ACRYLIC SEALER

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<b>Flammability (solids and gases)</b>	Not available	<b>VOC</b>	<250 grams /ltr
<b>Upper and lower flammability/explosive limits by volume</b>	Not available	<b>Other</b>	Not available
<b>Section 10. Stability and reactivity</b>			
<b>Reactivity</b>			
Does not react under the recommended storage and handling conditions prescribed.			
<b>Chemical stability</b>			
Stable under the recommended storage and handling conditions prescribed.			
<b>Possibility of hazardous reactions</b>			
Not available			
<b>Conditions to avoid (static discharge, shock or vibration)</b>			
Not available			
<b>Incompatible materials</b>			
Non known			
<b>Hazardous decomposition products</b>			
Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx)			
<b>Section 11. Toxicological information</b>			
<b>Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)</b>			
Xylene LD50: 3523-8600 mg/kg, ORAL, RAT Dimethyl Carbonate LD50: 13000 mg/kg, ORAL, RAT, LD50: >5 g/kg DERMAL, RABBIT Acetone LD50: 5800 mg/kg, ORAL, RAT, LD50: 20000 ppm, DERMAL, RABBIT Tert-Butyl Acetate LD50: 4100 mg/kg, ORAL, RAT, LD50: >2000 mg/kg, DERMAL, RABBIT Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Aspiration hazard if swallowed - can enter lungs and cause damage. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation. Carcinogenicity not listed as carcinogen by NTP, OSHA And IARC			
<b>Section 12. Ecological information</b>			
<b>Ecotoxicity (aquatic and terrestrial information)</b>	Toxic to fish and other water organisms		
<b>Persistence and degradability</b>	Material to be inherently biodegradable		
<b>Bioaccumulative potential</b>	Not available		
<b>Mobility in soil</b>	Highly volatile, will partition rapidly to air, not expected to partition to sediment and wash water solids.		
<b>Other adverse effects</b>	Not available		
<b>Section 13. Disposal considerations</b>			
<b>Information on safe handling for disposal/methods of disposal/contaminated packaging</b>			
Dispose of contents/container into safe container in accordance with local, regional or national regulations.			
<b>Section 14. Transport information</b>			
<b>UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations</b>			
UN1263; PAINT RELATED MATERIAL; CLASS 3; PGII			
<b>UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)</b>			
UN1263; PAINT RELATED MATERIAL; CLASS 3; PGII			
<b>UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)</b>			
UN1263; PAINT RELATED MATERIAL; CLASS 3; PGII			
<b>Special precautions (transport/conveyance)</b>	May also be shipped as a LIMITED QUANTITY in accordance with TDG.		
<b>Environmental hazards (IMDG or other)</b>	None		
<b>Bulk transport (usually more than 450 L in capacity)</b>	Possible		
<b>Section 15. Regulatory information</b>			
<b>Safety/health Canadian regulations specifics</b>	Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).		
<b>Environmental Canadian regulations specifics</b>	Refer to Section 3 for ingredient(s) of the DSL		
<b>Safety/health/environmental outside regulations specifics</b>			
No data available			
<b>Section 16. Other information</b>			



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<b>Date of the latest revision of the safety data sheet</b>   APRIL 17,2017 version 1	
<b>References</b>	Safety Data Sheets from manufacturer/supplier& from Canadian Centre for Occupational Health and Safety, CCOHS.
<b>Abbreviations</b>	
ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute toxicity estimate
CAS	Chemical Abstract Service
DSL	Domestic Substance List
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Good Code
LC	Lethal concentration
LD	Lethal Dosage
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
STEL	Short-term Exposure Limit
TDG	Transport of dangerous goods in Canada
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System
<b>Disclaimer</b>	
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