



**SECTION 1
 CHEMICAL PRODUCT AND IDENTIFICATION**

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PRODUCT(S) DUROCK® Tile Membrane

**CHEMICAL FAMILY /
 GENERAL CATEGORY** Membrane

SYNONYMS Mat

**SECTION 2
 HAZARD IDENTIFICATION**

EMERGENCY OVERVIEW:

⚠CAUTION!

This product is not expected to produce any unusual hazards during normal use. Direct contact may irritate the skin, or eyes. This product is not expected to produce any unusual hazards during normal use. Due to the product's physical nature, no significant hazards are associated with this product.

POTENTIAL HEALTH EFFECTS (See Section 11 for more information)

ACUTE :

Inhalation	Due to the physical nature of this product, inhalation is unlikely. There are no known health effects due to inhalation.
Eyes	Direct contact can cause irritation of eyes. If burning, redness, itching, pain or other symptoms persist or develop, consult physician. As with any foreign material, direct contact may cause mechanical irritation.
Skin	Direct contact with the skin may cause no more than slight irritation or possible abrasion.
Ingestion	There are no known health effects due to ingestion. Due to the physical nature of this product, ingestion is unlikely.

CHRONIC:

Inhalation	None known. None known.
Eyes	None known.
Skin	Direct, repeated rubbing contact with the skin may cause slight irritation.
Ingestion	None known. This product is not intended to be eaten. Wash hands before eating.

TARGET ORGANS: Eyes, skin and respiratory system.

PRIMARY ROUTES OF ENTRY: Inhalation, eyes and skin contact.

CARCINOGENICITY CLASSIFICATION OF INGREDIENT(S) All substances listed are associated with the nature of the raw materials used in the manufacture of this product and are not independent components of the product formulation. All substances, if present, are at levels well below regulatory limits. See Section 11: Toxicology Information for detailed information.



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MATERIAL	IARC	NTP	ACGIH	CAL- 65
IARC - International Agency for Research on Cancer: 1- Carcinogenic to humans; 2A – Probably carcinogenic to humans; 2B – Possibly carcinogenic to humans; 3 - Not classifiable as a carcinogen; 4 – Probably not a carcinogen				
NTP – National Toxicology Program (Health and Human Services Dept., Public Health Service, NIH/NIEHS): 1- Known to be carcinogen; 2- Anticipated to be carcinogens				
ACGIH – American Conference of Governmental Industrial Hygienists: A1 – Confirmed human carcinogen; A2 – Suspected human carcinogen; A3 – Animal carcinogen; A4 - Not classifiable as a carcinogen; A5 – Not suspected as a human carcinogen				
CAL-65 – California Proposition 65 “Chemicals known to the State of California to Cause Cancer”				
POTENTIAL ENVIRONMENTAL EFFECTS: This product has no known adverse effect on ecology. (See Section 12 for more information.)				

SECTION 3 COMPOSITION, INFORMATION ON INGREDIENTS

MATERIAL	WT%	CAS #
Cementitious Coating	70-80	Proprietary
Polypropylene	20-30	9003-07-0
All ingredients of this product are included in the U.S. Environmental Protection Agency’s Toxic Substances Control Act Chemical Substance Inventory and the Canadian Domestic Substances List (DSL).		

SECTION 4 FIRST AID MEASURES

FIRST AID PROCEDURES	
Inhalation	Remove to fresh air. Leave the area of exposure and remain away until coughing and other symptoms subside. Other measures are usually not necessary, however if conditions warrant, contact physician.
Eyes	In case of contact, do not rub or scratch your eyes. To prevent mechanical irritation, flush thoroughly with water for 15 minutes. If irritation persists, consult physician.
Skin	Wash with mild soap and water. If irritation persists, consult physician.
Ingestion	This product is not intended to be ingested or eaten. If gastric disturbance occurs, call physician.
MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED: Pre-existing skin diseases such as, but not limited to, rashes and dermatitis.	
NOTES TO PHYSICIAN: Treatment should be directed at the control of symptoms and the clinical condition.	

SECTION 5 FIRE FIGHTING MEASURES



General Fire Hazards				None known			
Extinguishing Media				Water or use extinguishing media appropriate for surrounding fire.			
Special Fire Fighting Procedures				Fire fighters and others exposed, wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.			
Unusual Fire/ Explosion Hazards				None known			
Hazardous Combustion Products				Nitrogen oxides; carbon monoxide.			
Flash Point		Not Determined		Auto Ignition		Not Applicable	
Method Used		Not Applicable		Flammability Classification		Not Applicable	
Upper Flammable Limit (UFL)		Not Determined					
Lower Flammable Limit (LFL)		Not Determined		Rate of Burning		Not Applicable	

**SECTION 6
ACCIDENTAL RELEASE MEASURES**

CONTAINMENT: No special precautions. Wear appropriate personal protective equipment. See section 8.

CLEAN-UP: Use normal clean up procedures. No special precautions.

DISPOSAL: Follow all local, state, provincial and federal regulations. Never discharge large releases directly into sewers or surface waters.

**SECTION 7
HANDLING AND STORAGE**

HANDLING: Avoid contact with eyes. Wear the appropriate eye protection (See Section 8). Use good safety and industrial hygiene practices. Avoid abrasive contact with skin and eyes.

STORAGE: Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatibilities (see Section 10).

**SECTION 8
EXPOSURE CONTROLS/PERSONAL PROTECTION**

MATERIAL	WT%	TLV (mg/m³)	PEL(mg/m³)
Cementitious Coating	70-80	(NE)	(NE)
Polypropylene	20-30	(NE)	(NE)

(T)-Total; (R)-Respirable; (NE)-Not Established; (C)-Ceiling; (STEL)-Short-term exposure limit
(F)-Fume; (Du)-Dust; (M)-Mist
ppm-part per million; f/cc-fiber per cubic centimeter; mppcf- million particles per cubic foot



ENGINEERING CONTROLS: If user operations generate exposures, use ventilation to keep exposure concentrations below permissible exposure limits. Where general ventilation is inadequate, use process enclosures, local exhaust ventilation, or other engineering controls to control exposure levels below permissible exposure limits.

RESPIRATORY PROTECTION: A respiratory program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

OTHER PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face	Wear eye protection, safety glasses or goggles, to avoid possible eye contact.
Skin	Wear gloves and protective clothing to prevent repeated or prolonged skin contact.
General	Selection of Personal Protective Equipment will depend on environmental working conditions and operations.

**SECTION 9
 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Cementitious coating and polypropylene fabric	Vapor Density (Air = 1)	Not Applicable
Odor	Low to no odor	Specific Gravity (H₂O = 1)	Not Applicable
Odor Threshold	Not Determined	Solubility in water (g/100g)	Not Applicable
Physical State	Solid	Partition Coefficient	Not Applicable
pH @ 25 ° C	Not Applicable	Auto-ignition Temp	Not Determined
Melting Point	Not Determined	Decomposition Temp	Not Determined
Freezing Point	Not Determined	Viscosity	Not Applicable
Boiling Point	Not Determined	Particle Size	Not Applicable
Flash Point	Not Determined	Bulk Density	~10 ounces/yd
Evaporation Rate (BuAc = 1)	Not Determined	Molecular Weight	Mixture
Upper Flammable Limit (UFL)	Not Determined	VOC Content	Zero g/L
Lower Flammable Limit (LFL)	Not Determined	Percent Volatile	Zero
Vapor Pressure (mm Hg)	Not Applicable		

**SECTION 10
 CHEMICAL STABILITY AND REACTIVITY**

STABILITY	Stable.
CONDITIONS TO AVOID	Contact with incompatibles (see below).
INCOMPATIBILITY	None known.
HAZARDOUS POLYMERIZATION	None known.



HAZARDOUS DECOMPOSITION

None known.

**SECTION 11
TOXICOLOGICAL INFORMATION**

ACUTE EFFECTS: Direct contact may cause eye and/or skin irritation.

CHRONIC EFFECTS / CARCINOGENICITY: Direct, repeated rubbing contact with the skin may cause slight irritation.

**SECTION 12
ECOLOGICAL INFORMATION**

ENVIRONMENTAL TOXICITY: This product has no known adverse effect on ecology.

Ecotoxicity value Not determined.

**SECTION 13
DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose of material in accordance with federal, state, and local regulations. Never discharge directly into sewers or surface waters. Consult with environmental regulatory agencies for guidance on acceptable disposal practices.

**SECTION 14
TRANSPORT INFORMATION**

U.S. DOT INFORMATION: Not a hazardous material per DOT shipping requirements. Not classified or regulated.

Shipping Name Same as product name.

Hazard Class Not classified.

UN/NA # None. Not classified.

Packing Group None.

Label (s) Required Not applicable.

GGVSec/MDG-Code Not classified.

ICAO/IATA-DGR Not applicable.

RID/ADR None.

ADNR None.

**SECTION 15
REGULATORY INFORMATION**



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UNITED STATES REGULATIONS

All ingredients of this product are included in the U.S. Environmental Protection Agency's Toxic Substances Control Act Chemical Substance Inventory.

MATERIAL	WT%	3 0 2	3 0 4	3 1 3	CERCLA	CAA Sec. 112	RCRA Code
Cementitious Coating	70-80	NL	NL	NL	NL	NL	NL
Polypropylene	20-30	NL	NL	NL	NL	NL	NL

Key : NL = Not Listed

SARA Title III Section 302 (EPCRA) Extremely Hazardous Substances: Threshold Planning Quantity (TPQ)

SARA Title III Section 304 (EPCRA) Extremely Hazardous Substances: Reportable Quantity (RQ)

SARA Title III Section 313 (EPCRA) Toxic Chemicals: X= Subject to reporting under section 313

CERCLA Hazardous Substances: Reportable Quantity (RQ)

CAA Section 112 (r) Regulated Chemicals for Accidental Release Prevention: Threshold Quantities(TQ)

RCRA Hazardous Waste: RCRA hazardous waste code

CANADIAN REGULATIONS

This product has been classified in accordance with the hazard criteria of Controlled Product regulations and the MSDS contains all the information required by the Controlled Products Regulations. All ingredients of this product are included in the Canadian Domestic Substances List (DSL).

MATERIAL	WT%	IDL Item #	WHMIS Classification
Cementitious Coating	70-80	Not Listed	Not Listed
Polypropylene	20-30	Not Listed	Not Listed

IDL Item#: Canadian Hazardous Products Act – Ingredient Disclosure List Item #

WHMIS Classification: Workplace Hazardous Material Information System

Risk and Safety Phrases defined by European Union Directive 67/548/EEC (Annex III and IV)

R-Phrase(s): None known.

S-Phrase(s): None known.

SECTION 16 OTHER INFORMATION

Label Information**Δ CAUTION!**

Direct, repeated rubbing contact with the skin may cause slight irritation. Avoid contact with eye. Do not ingest. If ingested, call physician. Product safety information: 800-507-8899 or usg. com. Customer Service: 800 USG-4-YOU (800 874-4968). KEEP OUT OF REACH OF CHILDREN.



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INFORMATION FOR HANDLING AND IDENTIFICATION OF CHEMICAL HAZARDS

NFPA Ratings:			HMIS Ratings:		HEALTH <input type="text" value="0"/>	0 = Minimal Hazard
Health:	0		Health:	0	FLAMMABILITY <input type="text" value="0"/>	1 = Slight Hazard
Fire:	0		Fire:	0	PHYSICAL HAZARD <input type="text" value="0"/>	2 = Moderate Hazard
Reactivity:	0		Reactivity:	0	PERSONAL PROTECTION <input type="text" value="B"/>	3 = Serious Hazard
						4 = Severe Hazard

B - Safety glasses and gloves

Key/Legend

ANSI	American National Standards Institute
ACGIH	American Conference of Governmental Industrial Hygienists
CAA	Clean Air Act
CAS	Chemical Abstracts Service (Registry Number)
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980
CFR	Code of Federal Regulations
DOT	United States Department of Transportation
DSL	Canadian Domestic Substances List
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning & Community Right-to-know Act
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
MSHA	Mine Safety and Health Administration
NDSL	Canadian Non-Domestic Substances List
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Health and Safety Administration
PEL	Permissible Exposure Limit
PPE	Personal Protection Equipment
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act of 1986
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
UN/NA#	United Nations/North America number
WHMIS	Workplace Hazardous Material Information System

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