



**\*SANI-MARC**

*Les Produits. Et les Hommes.  
People and Their Products.*

# Material Safety Data Sheet

WHMIS	TDG Road/Rail

## Section I. Product Identification and Uses

<b>Trade name</b>	<b>MARBROSOL</b>	<b>Health Hazard</b>	*	<b>2</b>
<b>Code</b>	01-70050	<b>Fire Hazard</b>		<b>0</b>
<b>Supplier</b>	International Stoneworks Inc. 2523 Fairway Park, Suite 510, Houston, Texas 77092	<b>Reactivity</b>		<b>0</b>
<b>Manufacturer</b>	SANI-MARC INC. 42 boul. de l'Artisan, Victoriaville, Qc (819) 758-1541	<b>Personal Protection</b>		<b>B</b>
<b>Material uses</b>	Industrial applications: Professional crystallizer polish for marble, limestone, travertine, etc...	<b>Protective Clothing</b>		
		<b>Governmental Appropriations</b>		
		Not applicable.		

## Section IA. First Aid Measures

<b>Eye contact</b>	Check for and remove any contact lenses. IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used. DO NOT use an eye ointment. Seek medical attention.
<b>Skin contact</b>	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. COLD water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
<b>Hazardous skin contact</b>	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.
<b>Slight inhalation</b>	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
<b>Hazardous inhalation</b>	Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.
<b>Slight ingestion</b>	DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
<b>Hazardous ingestion</b>	No additional information.

**Section II. Hazardous Ingredients**

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Name	CAS #	% by Weight	TLV/PEL	LC <sub>50</sub> /LD <sub>50</sub>
1) Magnesium silico fluoride	16949-65-8	10-30	TWA: 2.5 (mg/m <sup>3</sup> ) from ACGIH	ORAL (LD50): Acute: 200 mg/kg [Guinea pig].
2) Phosphoric acid	7664-38-2	5-10	TWA: 1 (mg/m <sup>3</sup> ) from ACGIH	ORAL (LD50): Acute: 1530 mg/kg [Rat.]. DERMAL (LD50): Acute: 2740 mg/kg [Rabbit.].

**Section III. Physical Data**

Physical state and appearance	Liquid. (Transparent liquid)	Color	Colorless.
pH (Pure)	0.5 (Acid.)	Odor	Odorless.
pH (1% soln/water)	2.5 [Acidic.]		
Odor threshold	Not available.		
Volatility	Not available.		
Freezing point	May start to solidify at 0°C (32°F) based on data for: Water. Weighted average: -1.69°C (29°F)		
Boiling/Condensation point	The lowest known value is 100°C (212°F) (Water). Weighted average: 102.96°C (217.3°F)		
Specific gravity	1.15 (Water = 1)		
Vapor density	The highest known value is 1 (Air = 1) (Water).		
Vapor pressure	The highest known value is 17.2 mm of Hg (@ 20°C) (Water). Weighted average: 16.23 mm of Hg (@ 20°C)		
Evaporation rate	Not available.		
Viscosity	Not available.		
Water/oil dist. coeff.	The product is much more soluble in water.		
Ionicity (surface active agent)	Not available.		
Critical temperature	Not available.		
Instability temperature	Not available.		
Conditions of instability	No additional remark.		
Dispersion properties	See solubility in water, methanol.		
Solubility	Easily soluble in methanol. Soluble in cold water, hot water. Insoluble in diethyl ether, n-octanol.		

**Section IV. Fire and Explosion Data**

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<b>The product is:</b>	Non-flammable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Fire degradation products</b>	Not applicable.
<b>Flash points</b>	Not applicable.
<b>Flammable limits</b>	Not applicable.
<b>Fire extinguishing procedures</b>	Not applicable.
<b>Flammability</b>	Not applicable.
<b>Risks of explosion</b>	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.

**Section V. Reactivity Data**

<b>Stability</b>	The product is stable.
<b>Hazardous decomp. products</b>	Not available.
<b>Degradability</b>	Not available.
<b>Products of degradation</b>	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The products of degradation are less toxic than the product itself.
<b>Corrosivity</b>	Not considered to be corrosive for metals and glass according to our database.
<b>Reactivity</b>	Reactive with alkalis. Slightly reactive with organic materials, metals, acids.

**Section VI. Toxicological Properties**

<b>Routes of entry</b>	Absorbed through skin. Eye contact. Ingestion.
<b>TLV</b>	<b>Magnesium silico fluoride</b> TWA: 2.5 (mg/m <sup>3</sup> ) from ACGIH <b>Phosphoric acid</b> TWA: 1 (mg/m <sup>3</sup> ) from ACGIH  Consult local authorities for acceptable exposure limits.
<b>Toxicity for animals</b>	Acute oral toxicity (LD50): 200 mg/kg [Guinea pig]. (Magnesium silico fluoride). Acute dermal toxicity (LD50): 2740 mg/kg [Rabbit.]. (Phosphoric acid).
<b>Chronic effects on humans</b>	Hazardous in case of skin contact (corrosive, irritant, sensitizer, permeator), of eye contact (irritant), of ingestion. Non-hazardous in case of inhalation. <b>CARCINOGENIC EFFECTS:</b> Classified NONE by NTP, NONE by OSHA [ PHOSPHORIC ACID]. <b>MUTAGENIC EFFECTS:</b> Not available. <b>TERATOGENIC EFFECTS:</b> Not available. <b>DEVELOPMENTAL TOXICITY:</b> Not available.
<b>Acute effects on humans</b>	Hazardous in case of skin contact (corrosive, irritant, sensitizer, permeator), of eye contact (irritant, corrosive), of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive for lungs




## Section VII. Preventive Measures

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Waste information	Not available.
Waste stream	Not available.
Storage	Keep container tightly closed. Keep in a cool, well-ventilated place. Highly toxic or infectious materials should be stored in a separate locked safety storage cabinet or room.
Precautions	Keep container dry. Do not ingest. Do not breathe gas/fumes/ vapor/spray. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as alkalis.
Small spill and leak	Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container. If necessary: <b>Neutralize the residue with a dilute solution of sodium carbonate.</b>
Large spill and leak	Poisonous liquid. Stop leak if without risk. DO NOT get water inside container. DO NOT touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Call for assistance on disposal. <b>Neutralize the residue with a dilute solution of sodium carbonate.</b> Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.
Protective clothing	Splash goggles. Full suit. Boots. Gloves.

## Section VIII. Classification

TDG road / rail	TDG CLASS 8: Corrosive liquid.	
	Shipping name: Corrosive liquids n.o.s. UNNA: 1760 PG: III	
Maritime transportation	Not available.	
WHMIS	CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC). CLASS E: Corrosive liquid.	
Federal and provincial regulations	Canadian NPRI: PHOSPHORIC ACID	

## Section IX. Protective Measures

Protective clothing	Safety glasses. Lab coat. Gloves (impervious).	
Engineering controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.	

## Section X. Other Information

References	Not available.
No additional remark.	
Validated by Service santé et sécurité on 05/03/2001.	Verified by Service santé et sécurité. Printed 05/03/2001.

**Emergency phone: CANUTEC (613) 996-6666 (Collect call accepted)**

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