



**# 1020  
SiLazur**

Interior & Exterior  
Silicate Paints  
and Stains

## Material Safety Data Sheet (MSDS)

### Section I:

Manufactured by:  
PermaTint  
100 Bradwick Dr., Concord, ON  
L4K 1K8  
www.permatint.com  
info@permatint.com

Date :  
April 2014

Trade Name :  
# 1020  
SiLazur

Emergency Phone:  
866.850.TINT (8468)

Chemical Type & Function:  
Potassium Silicate Based  
Interior/Exterior Paint & Stain

## Section II : Ingredients

Material / Component	Content	Hazard Identification	CAS - Number
Water	> 25 %	non-hazardous	none
Mineral Fillers and Pigments ( titanium dioxide, aluminasilicates, iron oxides, earthen pigments )	< 25 %	non-hazardous	various
Liquid Potassium Silicate solution	< 25 %	alkaline ph= 11.0	1312-76-1
Methacrylate Dispersion ( in > 50% water )	< 10 %	alkaline ph= 8.5	1336-21-6
Ammonia Solution	< 1 %	alkaline ph= 8.5	
Sodium Phosphonate Stabilizer	< 1 %	alkaline ph= 11.5	1310-73-2
Polysaccharide , Cellulose	< 1 %	non-hazardous	
Fatty Acid Defoamer	< 1 %	eye irritant ph= 4.0	126-71-6 51668-30-5

## Section III : Physical Data

boiling range :	not applicable	specific gravity (H2O=1):	1.19 @ 20 °C
vapour pressure (kPa @25°C):	unknown	volatile parts by vol. % :	0.00 %
viscosity (in sec. @ 20°C @ DIN 4 mm ) :	medium	evaporation rate :	same as water
solubility in water:	soluble	appearance & odour :	colour depending on pigment light ammonia odour while wet

## Section IV: Fire & Explosion Hazard Data

flash point ( Abel-Pensky ) :	none	flammable limits ( % by vol.): LeL	none
extinguishing media :	non-combustible	UeL	none
special fire fighting procedures :	n / a		
unusual fire / explosion hazards :	n / a		



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### Section V : Health Hazard Data

A. Routes of Exposure :		B. Emergency & First Aid Procedures :
<b>inhalation</b>	not applicable	not applicable
<b>skin contact</b>	slight irritation possible	<b>wash w/soap and water, remove effected clothing</b>
<b>skin absorption</b>	not applicable	not applicable
<b>eye contact</b>	<b>irritant of eyes and other mucous membranes</b>	<b>rinse immediately with large qty. of water ( 10-15 min.)</b>
<b>ingestion</b>	unlikely route of entry	<b>call physician</b>

### Section VI : Reactivity Data

<b>stable</b> X <b>unstable</b>	<b>conditions to avoid:</b> n / a
<b>incompatability</b> ( materials to avoid ):	none
<b>hazardous decomposition products :</b>	none
<b>hazardous polymerisation :</b>	will not occur

### Section VII: Spill & Leak Procedures

<b>measures in case of spills:</b>	remove with absorbent material and discard in compliance with local regulations
<b>waste disposal method :</b>	Allow left-overs to dry out completely until solid. Dispose of solids with regular garbage acc. to local regulations.

### Section VIII: Special Protection

<b>respiratory protection:</b>	For sprayer application wear respirator
<b>general ventilation :</b>	X
<b>protective gloves:</b>	X ( recommended )
<b>eye protection:</b>	X ( strongly recommended, when working above head )

### Section IX: Precautions

<b>Do not ingest. Keep out of reach of children.</b>	Avoid contact with eyes and mucous membranes.
	Store at temperatures between +5 and + 30 ° C..
	Do not store together with strong oxidizers.
<b>other precautions :</b>	Apply standard industrial hygiene when handling chemicals