



**# 1050**  
**PrimaSil**  
 Silicate Thinner  
 Conditioner  
 Primer - Binder  
 Fixative

Material Safety Data Sheet (MSDS)		
<b>Section I:</b> Manufactured by: PermaTint 100 Bradwick Dr., Concord, ON L4K 1K8 www.permatint.com info@permatint.com		Date : April 2014  Trade Name : # 1050 PrimaSil
		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	> 50 %	non-hazardous	none
Liquid Potassium Silicate solution	< 25 %	alkaline ph= 11.0	1312-76-1
Methacrylate Dispersion w/ < 50% solids	< 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
Fatty Acid Defoamer	< 1 %	eye irritant ph= 4.0	126 -71 -6

## Section III : Physical Data

<b>boiling range :</b> same as water	<b>specific gravity (H2O=1):</b> 1.25 @ 20 ° C
<b>vapour pressure (kPa @25°C):</b> same as water	<b>volatile parts by vol. % :</b> Zero VOC
<b>viscosity</b> same as water	<b>evaporation rate :</b> same as water
<b>solubility in water:</b> soluble	<b>appearance &amp; odour :</b> milky colour, but dries clear light ammonia odour while wet

## Section IV: Fire & Explosion Hazard Data

<b>flash point ( Abel-Pensky ) :</b> none	<b>flammable limits (% by vol.):</b> LeL none
<b>extinguishing media :</b> non-combustible	UeL none
<b>special fire fighting procedures :</b> n / a	
<b>unusual fire / explosion hazards :</b> 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	wash w/soap and water, remove effected clothing
<b>skin absorption</b>	not applicable	not applicable
<b>eye contact</b>	irritant of eyes and other mucous membranes	rinse immediately with large qty. of water ( 10-15 min.)
<b>ingestion</b>	unlikely route of entry	call physician

**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 strong oxidizers.
<b>other precautions :</b>	Apply standard industrial hygiene when handling chemicals