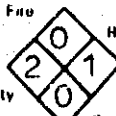


MATERIAL SAFETY DATA SHEET

PRODUCT Spray Cleaner

Product # 194

HAZARD RATING N F P A	4	EXTREME	Toxicity		Reactivity Special
	3	HIGH			
	2	MODERATE			
	1	SLIGHT			
	0	INSIGNIFICANT			

SECTION I

1 PERMA GLAZE CHEMICAL CORP.
1 Perma Glaze Chemical Corp.
ADDRESS (NUMBER, STREET, CITY, STATE, ZIP CODE)
2 70 W. Main Street, Broadalbin, N.Y. 12025

EMERGENCY TELEPHONE
MANUFACTURER
Perma Glaze
(518) 883-3451

CHEMICAL NAME OR FAMILY
3 Butyl Alkaline Cleaner

FORMULA
4 Blended Mixture

SECTION II - CHEMICAL AND PHYSICAL PROPERTIES

HAZARDOUS DECOMPOSITION PRODUCTS
5 Co-Co²-Eo-May cause toxic gases or toxic solutions

INCOMPATIBILITY (KEEP AWAY FROM)
6 Strong Acids-Strong Oxidizing Agents

LIST ALL TOXIC AND HAZARDOUS INGREDIENTS
2-Butoxyethanol-less than 5%-CAS-111-76-2 TLV-25 PPM
Nonylphenoxy Poly (ethyleneoxy) ethanol-less than 2%
TLV-1 PPM CAS-9016-45-9
Sodium Meta Silicate Pentahydrate less than 2%
CAS-6834-92-0 Pel-TLV-2mg/m³

FORM		8	Liquid
ODOR		9	Slight Citrus
APPEARANCE		10	Clear
COLOR		11	None
SPECIFIC GRAVITY (WATER = 1)		12	1.016
BOILING PT.			100 °C 212 °F
MELTING PT.		14	NA °C °F
SOLUBILITY IN WATER		15	20 °C Complete
% VOLATILE (BY WT %)		16	98.6%
EVAP. RATE (= 1)		17	Water
VAPOR PRESSURE (mm Hg at 20°C)		18	Not Known
VAPOR DENSITY (AIR = 1)		19	Not Known
pH AS IS			12.5
pH ()		20	
STRONG ACID			()
STRONG BASE			()
STABLE			(X)
UNSTABLE			()
VISCOSITY (CSTK AT 100°F)		22	< 100 (X) 100 OR > ()
		23	

SECTION III - FIRE AND EXPLOSION DATA

SPECIAL FIRE FIGHTING PROCEDURES
Water Based
None

FLASH POINT (METHOD USED)
26 Non Combustible °F

FLAMMABLE LIMITS %
27 LOWER UPPER
None

UNUSUAL FIRE AND EXPLOSION HAZARDS
28 None

EXTINGUISHING AGENTS
() DRYCHEMICAL () CO,
(X) WATERSPRAY () FOAM
(X) WATERFOG () SAND/EARTH
() OTHER General

SECTION IV - HEALTH HAZARD DATA

PERMISSIBLE CONCENTRATIONS (AIR)
29 No limit established.

EFFECTS OF OVEREXPOSURE
30 Can cause irritation to skin and eyes.

TOXICOLOGICAL PROPERTIES
31 Irritant.

EMERGENCY FIRST AID PROCEDURES
32 EYES Flush with plenty of water for 15 minutes, lift lids. Do not rub. Get medical attention.
33 SKIN CONTACT Wash with soap and water, remove contaminated clothing.
34 INHALATION NA
35 IF SWALLOWED Do not induce vomiting. Dilute by drinking water or milk. Get medical attention immediately.

MATERIAL SAFETY DATA SHEET

PRODUCT Spray

#194

SECTION V - SPECIAL PROTECTION INFORMATION

VENTILATION TYPE REQUIRED (LOCAL, MECHANICAL, SPECIAL) <div style="text-align: center; font-size: 1.2em;">Normal</div>	PROTECTIVE GLOVES 38 <u>Neoprene</u>
RESPIRATORY PROTECTION (SPECIFY TYPE) <div style="text-align: center; font-size: 1.2em;">None Needed</div>	EYE PROTECTION 39 <u>Splash goggles</u> <u>face shield</u>
36 37	OTHER PROTECTIVE EQUIPMENT 40 <u>None</u>

SECTION VI - HANDLING OF SPILLS OR LEAKS

PROCEDURES FOR CLEAN-UP

Small spills may be flushed with plenty of water down sewage drain. Large spills should be absorbed with absorbents (fuller earth type) placed in containers for disposal

41

WASTE DISPOSAL

Disposal of waste material should be in accordance with local ordinances.

42

SECTION VII - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep from freezing. Store at room temperature.
Avoid damage to containers in handling.

43

SECTION VIII - TRANSPORTATION DATA

44 UNREGULATED BY D.O.T. <input checked="" type="checkbox"/>	U.S. D.O.T. PROPER SHIPPING NAME 47 <u>Not regulated</u>	
45 REGULATED BY D.O.T. <input type="checkbox"/>	U.S. D.O.T. HAZARD CLASS 48 <u>Not regulated</u>	I.D. NUMBER 49 <u>None</u>
TRANSPORTATION EMERGENCY INFORMATION Perma Glaze (518) 883-3451 48	RQ LABEL(S) REQUIRED 50 <u>None</u> 51 <u>None</u>	
	FREIGHT CLASSIFICATION 52 <u>55</u>	
	SPECIAL TRANSPORTATION NOTES 53 <u>Keep from freezing</u>	

SECTION IX - COMMENTS

Small and large containers can be hazardous. Material residue under the right conditions can generate explosive gases or toxic fumes.
KEEP PRODUCT OUT OF REACH OF CHILDREN

54

SIGNATURE <u>Rex Hughes</u>	TITLE <u>Technical Director</u>
REVISION DATE <u>2/14/87</u>	SENT TO ATTN: <u>Rex Hughes, Tec. Dir.</u> DATE <u>2/14/87</u>
SUPERSEDES <u>All Previous</u>	<u>Perma Glaze Chemical Corp.</u>
	<u>70 West Main Street</u>
	<u>Broadalbin, New York 12025</u>

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