



Material Safety Data Sheet

Protective Clothing		HCS	DOT	
		Class: Irritating Substance		

Section I. Product Identification and Uses				
Synonyms	Not available	HMIS	H 2	F 0 R 0 PE B
Common/Trade Name	Ma-Clear GNT	TSCA	TSCA inventory: All components listed	
Chemical Name	Not applicable		TSCA 12(b) one time export: Not Listed	
Chemical formula	Not applicable		TSCA 12(b) annual export notification: Not Listed	
Chemical family	Not available	DSL	CEPA DSL: All components listed CEPA NDSL : Not listed	
Manufactured / Supplied	Maple Solutions 3019 Lake Road D.D.O. QC, H9B 2R3, Canada	CAS#	Mixture	
Material uses	Acrylic polymer for textile applications	Code		
Validation Date	Validated on 5 Feb 2006	Molecular Weight	Not applicable	
		Revision Number	2.0	

Section IA. First Aid Measures	
Eye contact	Immediately flush eyes with running water for at least 15 minutes, keeping eye lids open. Get medical attention
Skin contact	Wash gently and thoroughly the contaminated skin with running water and non-abrasive soap.
Hazardous Inhalation	Allow the victim to rest in a well ventilated area. Give artificial respiration if not breathing. Get medical attention if symptoms appear.
Hazardous ingestion	Do not induce vomiting unless directed so by medical personnel. Seek medical attention.

Section II. Hazardous Ingredients				
Name	CAS#	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
Not hazardous				

Section III. Physical Data			
Physical state and appearance	Opaque off white liquid	Odor	Mild odor
pH and Solution Conc.	Not available	Taste	Not available
Odor threshold	Not available	Color	Off-white
Volatility	60-63% (w/w)		
Melting Point	Not available		
Boiling point	>100°C (212°F)		
Specific Gravity	Not available		
Vapor density	Not available		
Vapor pressure	>17.5@20°C (68°F) mm Hg		
Evaporation rate	Slower than Butyl Acetate		
Viscosity	4,000 – 15,000 cPs		
Ionicity (surface active agent)	Not available		
Critical temperature	Not available		
Instability temperature	Not available		
Condition of instability	Note available		
Dispersion properties	Dispersible in water		
Solubility	Dispersible		
VOC's (g/L)(EPA 24/24A)	Not available		
HAPs or TAPs	Clean air act (CAA) 112 accidental release prevention : Not listed Clean air act (CAA) 112 regulated flammable substances : Not listed Clean air act (CAA) 112 regulated toxic substances : Not listed		

Section IV. Fire and Explosion Data	
The product is	Non-flammable
Auto-ignition temperature	Not available
Fire degradation products	This product is not known to present any fire hazard
Flash points	>100°C (212°F)
Flammable limits	Not available
Fire extinguishing procedures	Not available
Flammability	Not applicable
Risks of explosion	Not applicable

Section V. Reactivity Data	
Stability	Stable
Freeze/Thaw Stability	Do not freeze
Hazardous decomp. / products	Not available
Degradability	Not available
Products of degradation	Oxides of carbon, Oxides of Nitrogen and amonia.
Corrosivity	Non corrosive in presence of glass, stainless steel (316)

Reactivity	May react with strong oxidizing agents and materials which are not compatible with water.
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Section VI. Toxicological Properties									
Routes of entry	Skin contact, inhalation, Eye contact, Ingestion								
TLV	This product is considered to have low level of toxicity. Refer to Section II. Hazardous Ingredients								
Toxicity to animals	LD50 (dermal) : Not available LC50: Not available								
Chronic effects on humans	<table border="1"> <tr> <td>CARCINOGENIC EFFECTS</td> <td>Not available</td> </tr> <tr> <td>MUTAGENIC EFFECES</td> <td>Not available</td> </tr> <tr> <td>TERATOGENIC EFFECTS</td> <td>Not available</td> </tr> <tr> <td>DEVELOPMENTAL TOXICITY</td> <td>Not available</td> </tr> </table>	CARCINOGENIC EFFECTS	Not available	MUTAGENIC EFFECES	Not available	TERATOGENIC EFFECTS	Not available	DEVELOPMENTAL TOXICITY	Not available
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Acute effects on humans	Vapors or direct eye contact may cause irritation. Repeated or prolonged skin contact may cause irritation. Ingestion may cause irritation. Inhalation may cause irritation of the respiratory tract and mucous membranes								
Aquatic Toxicity (LC50)	Not available								

Section VII. Preventive Measures	
Waste Information	This material, as received, is not expected to be a hazardous waste. Waste management should be in compliance with federal, state and local regulatory requirements.
Waste Stream	Not available
Storage	Keep container tightly closed in a cool, well-ventilated place. Avoid freezing (0°C) and storage at temperatures of above 35°C. Empty container may contain product residues and should be handled accordingly.
Precautions	Avoid contact with skin and eyes. Avoid breathing vapors or spray mists. After handling, always wash hands thoroughly with soap and water. Keep container tightly closed in a cool, well-ventilated place.
Small spill and leak	Absorb with an inert material and place in an appropriate waste disposal container. Finish by washing the contaminated area with soap and water and dispose in accordance with local and state regulations.
Large spill and lea	Stop leak if without risk. Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Protective clothing in case of large spill	Splash goggles. Boots, Full suit, gloves. Respiratory protection is necessary if handling spills or in case of gross contact. Any contaminated clothing should be removed and laundered.

Section VIII. Classification	
DOT	Not a DOT controlled material
	Not applicable, RQ Not available
Maritime transportation	Not pollutant
HCS	Not controlled under HCS (United States)
Federal and State regulations. Canadian WHMIS	This products is not considered to be controlled product under WHMIS
	CERCLA: Hazardous substances: Not listed SARA 313 toxic chemical notification and release reporting: Not listed
International lists	Not available
HMIS Hazard Rating	Health : 1 Flame : 0 Reactivity : 0 (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)

Section IX. Protective Clothing	
Safety glasses, Gloves (impervious)	

Section X. Other information	
References	Not available
Special Test Results	Not available
Emergency information	+1 (301) 767 1177
To the best of our knowledge the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist	