

TRADE NAME: MTD by Briwax - Self crosslinking vinyl acrylic polymer emulsion

SUPPLIER'S NAME: Briwax International Inc PO Box 865110 Plano TX 75086-5110



PHONE NUMBER FOR ADDITIONAL INFORMATION: 800-527-4929

FAX NUMBER FOR ADDITIONAL INFORMATION: 972-867-8960

EMERGENCY INFORMATION: For chemical emergency: Chemtrec, 1-800-424-9300

DATE PREPARED OR REVISED: 2010

WHMIS 	Protective Clothing 	TDG Road/Rail
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Section 1. Product Identification and Uses

Common/Trade name	P-2804	CI#	Not applicable.
Synonyms	Not applicable.	DSL	CEPA DSL: listed
Chemical name	Self-crosslinking vinyl acrylic polymer emulsion.	CAS#	32875-87-9
Chemical formula	complex formula	Code	60-000-27
Chemical family	Polymer.	Molecular weight	Not available.
Supplier	BRIWAX International, Inc. P.O. Box 865110, Plano, TX 75086 1-800-527-4929	Manufacturer	BRIWAX International, Inc. P.O. Box 865110, Plano, TX 75086 1-800-527-4929
Material uses	For use as a polyester non-woven binder, a non-woven and paper saturant, a textile hand modifier and as a solvent resistant paper coating. Also used for adhesives.		

Section 1A. First Aid Measures

Eye contact	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. If irritation persists, seek medical attention.
Skin contact	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. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
Hazardous skin contact	Not available.
Slight inhalation	NO known EFFECT according to our data base.
Hazardous inhalation	Allow the victim to rest in a well ventilated area. Oxygen may be administered if breathing is difficult. If the victim is not breathing, perform artificial resuscitation. Seek medical attention.
Slight ingestion	DO NOT induce vomiting. Have conscious person drink several glasses of water. NEVER give an unconscious person anything to ingest. Seek medical attention.
Hazardous ingestion	Not available.

Section 2. Hazardous Ingredients

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Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
No hazardous ingredient.				

Section 3. Physical Data

Physical state and appearance	Liquid.	Color	White.
pH	4.0 - 5.0	Odor	Slight.
Odor threshold	Vinyl acetate, about 0.1 PMM.	Taste	Not available.
Volatility	54 to 56% (w/w).		
Melting/Freezing point	0°C (32°F)		
Boiling/Condensation point	100°C (212°F)		
Specific gravity	1.08 (Water = 1)		
Vapor density	>1 (Air = 1)		
Vapor pressure	17 mm of Hg (@ 20°C)		
Evaporation rate	<1 compared to Butyl acetate.		
Viscosity	Dynamic: 50 to 150 cP		
LogK _{ow}	Not available.		
Ionicity (surface active agent)	Anionic.		
Critical temperature	Not available.		
Instability temperature	<0°C (32°F)		
Conditions of instability	Protect from freezing		
Dispersion properties	See solubility in water.		
Solubility	Easily soluble in cold water, hot water.		

Section 4. Fire and Explosion Data

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The product is:	Non-flammable.
Auto-ignition temperature	Not applicable.
Fire degradation products	carbon oxides (CO, CO ₂)
Flash points	Not applicable.
Flammable limits	Not applicable.
Fire extinguishing procedures	Because of the large amount of water contained in the product, the product might be combustible only after complete evaporation. Use water spray, fog or foam. Use dry chemical or CO ₂ .
Flammability	Not applicable.
Risks of explosion	NONE

Section 5. Reactivity Data

Stability	The product is stable.
Hazardous decomp. products	When dried polymer burns, carbon dioxide/monoxide (CO ₂ ,CO) and smoke are produced.
Degradability	Not available.
Products of degradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The product itself and its products of degradation are not toxic.
Corrosivity	Not available.
Reactivity	Not considered to be reactive according to our data base.

Section 6. Toxicological Properties

Routes of entry	Absorbed through skin. Eye contact. Inhalation. Ingestion.
TLV	Vinyl acetate 10 ppm TWA.
Toxicity for animals	LD50: Not available. LC50: Not available.
Chronic effects on humans	This product contains small amount of vinyl acetate monomer. ACGIH evaluated vinyl acetate as an A3 animal carcinogen.
Acute effects on humans	This product may irritate eyes and skin upon contact. No known acute effects of this product resulting from ingestion. Trace component and residual monomer vapors may be irritating to eyes, mucous membranes, respiratory tract, and may produce symptoms of headache, nausea in poorly ventilated areas.



Section 7. Preventive Measures

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Waste information	Consult your local or regional authorities.
Waste stream	Not available.
Storage	Store in a dry, cool and well ventilated area.
Precautions	Protect from freezing. Keep container tightly closed when not in use. Avoid contact with skin and eyes. Wear suitable protective clothing.
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. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large spill and leak	Dike if needed. Pump into suitable container the spilled material and sent to an appropriate waste disposal.
Protective clothing	Splash goggles. Gloves.

Section 8. Classification

TDG road / rail	Not controlled under TDG (Canada).	
	Not applicable.	
Maritime transportation	Not available.	
WHMIS	Not controlled under WHMIS (Canada).	
Federal and provincial regulations	CEPA DSL: listed	

Section 9. Protective Measures

Protective clothing	Splash goggles. Gloves.	
Engineering controls	Provide normal exhaust ventilation.	

Section 10. Other Information

References	Not available.
Not available.	
Validated by Chemtrec 1-1-2010	Verified by Quality Control Dep..
1.01	Chemtrec, 1-800-424-9300
BRIWAX International, Inc. P.O. Box 865110, Plano, TX 75086 1-800-527-4929	

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