

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: VMI 2500 BUFFING SOLUTION
 MSDS DATE: 02/07/12

VENMILL INDUSTRIES

670 DOUGLAS STREET
 UXBRIDGE, MA 01569
 866-864-0210

VENMILL INDUSTRIES 670 DOUGLAS ROAD UXBRIDGE, MA 01569 866-864-0210	HEALTH	1
	FIRE	1
	REACTIVITY	0
	SPECIFIC	none
1. IDENTIFICATION See Addendum: Ref. Page:		
Chemical Name: Chemical Family: CAS #: N/A Chemical Formula: TRADE DOT Information: NON HAZARDOUS		
2. PHYSICAL DATA See Addendum: Ref. Page:		
Appearance: LIQUID Color: BLUE State: STABLE Odor Characteristics: SOLVENT ODOR pH: 7.5 – 8.5 Viscosity: N/A Specific Gravity (Water = 1): 0.911 – 1.007 Vapor Density: 4.5 Vapor Pressure: N/A Hazardous Air Pollutants: 0.02% Weight (test method calculated.)	Melting Point: N/A Boiling Point: 212° F Flash Point: > 230° F (TEST METHOD CLOSED CUP) Freezing Point: NOT DETERMINED Percent Volatility: 57.2% (TEST METHOD ESTIMATED) Evaporation Rate: NO DATA AVAILABLE Solubility in Water: APPRECIABLE Solubility in Oil: N/A Solubility in Acetone: N/A	
3. INGREDIENTS See Addendum: Ref. Page:		
Material / Components WATER HYDROTREATED LIGHT PETROLEUM DISTILLATES DODECAMETHYLCYCLOHEXASILOXANE ALUMINUM OXIDE SOLVENT-REFINED HEAVY PARAFFINIC PETROLEUM DISTILLATES MINERAL OIL ETHYLENE OXIDE, POLYMER WITH ETHYLENEDIAMINE AND PROPYLENE OXIDE CID 5% PER VOLUME	CAS #: 7732-18-5 64742-47-8 540-97-6 1344-28-1 64741-88-4 64741-89-5 Trade Secret	Approx. % 40 - 70 10 - 30 7 - 15 3 - 8 1 - 5 < 2 0.1 - 1.5
4. FIRE AND EXPLOSION HAZARD DATA See Addendum: Ref. Page:		
Flash Point: > 230° F (TEST METHOD CLOSED CUP) Flammable Limits (LEL) & (UEL): N/A Extinguishing Media: USE FIRE EXTINGUISHERS WITH CLASS B EXTINGUISHING AGENTS (E.G., DRY CHEMICAL,		

CARBON DIOXIDE).

Special Fire Fighting Procedures: WEAR FULL PROTECTIVE EQUIPMENT (BUNKER GEAR) AND SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire & Explosion Hazards: NONE

5. HEALTH HAZARD DATA

See Addendum:

Ref. Page:

Effects of Overexposure:

Inhalation: RESPIRATORY TRACT IRRITATION: SIGNS/SYMPTOMS MAY INCLUDE COUGH, SNEEZING, NASAL DISCHARGE, HEADACHE, HOARSENESS, AND NOSE AND THROAT PAIN.

MAY BE ABSORBED FOLLOWING INHALATION AND CAUSE TARGET ORGAN EFFECTS.

Skin Contact: MODERATE SKIN IRRITATION: SIGN/SYMPTOMS MAY INCLUDE LOCALIZED REDNESS, SWELLING, ITCHING, AND DRYNESS.

Eye Contact: MILD EYE IRRITATION: SIGN/SYMPTOMS MAY INCLUDE REDNESS, PAIN, AND TEARING.

Ingestion: GASTROINTESTINAL IRRITATION: SIGNS/SYMPTOMS MAY INCLUDE ABDOMINAL PAIN, STOMACH UPSET, NAUSEA, VOMITTING, AND DIARRHEA.

TARGET ORGAN EFFECTS: CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION: SIGNS/SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, DROWSINESS, INCOORDINATION, NAUSEA, SLOWED REACTION TIME, SLURRED SPEECH, GIDDINESS, AND UNCONSCIENESS.

6. FIRST AID MEASURES

THE FOLLOWING FIRST AID RECOMMENDATIONS ARE BASED ON AN ASSUMPTION THAT APPROPRIATE PERSONAL AND INDUSTRIAL HYGIENE PRATICES ARE FOLLOWED.

Inhalation: REMOVE PERSON TO FRESH AIR. IF SIGNS/SYMPTOMS DEVELOP, GET MEDICAL ATTENTION.

Skin Contact: REMOVE CONTIMINATED CLOTHING AND SHOES. IMMEDIATELY FLUSH SKIN WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. WASH CONTIMINATED CLOTHING AND CLEAN SHOES BEFORE REUSE.

Eye Contact: FLUSH EYES WITH LARGE AMOUNTS OF WATER. IF SIGNS/SYMPTOMS PERSIST, GET MEDICAL ATTENTION.

Ingestion: DO NOT INDUCE VOMITTING UNLESS INSTRUCTED TO DO SO BY MEDICAL PERSONNEL. GIVE VICTIM TWO GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIENCE PERSON. GET MEDICAL ATTENTION.

7. REACTIVITY DATA	See Addendum:	Ref. Page:
<p>Stability: STABLE</p> <p>Conditions to avoid: SPARKS AND/OR FLAMES</p> <p>Materials to Avoid: STRONG ACIDS AND STRONG OXIDIZING AGENTS</p> <p>Hazardous Combustion Products: FORMALDEHYDE, CARBON MONOXIDE, AND CARBON DIOXIDE</p> <p>Hazardous Polymerization: WILL NOT OCCUR</p>		
8. SPILL OR LEAK PROCEDURES	See Addendum:	Ref. Page:
<p>Personal precautions, protective equipment and emergency procedures</p> <p>Clean-up methods</p> <p>Observe precautions from other sections. Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with detergent and water.</p>		
9. SPECIAL PROTECTION INFORMATION	See Addendum:	Ref. Page:
<p>Eye/Face Protection</p> <p>Avoid eye contact. The following eye protection(s) are recommended: Safety Glasses with side shields Indirect Vented Goggles</p> <p>Skin Protection</p> <p>Avoid skin contact. Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials. Gloves made from the following material(s) are recommended: Neoprene Nitrile Rubber</p> <p>Respiratory Protection</p> <p>Avoid breathing of vapors, mists or spray. Avoid breathing of dust created by cutting, sanding, grinding or machining.</p> <p>Prevention of Swallowing</p> <p>Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.</p>		
10. HANDLING AND STORAGE	See Addendum:	Ref. Page:
<p>HANDLING</p> <p>Avoid eye contact. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Avoid breathing of vapors, mists or spray. Avoid skin contact. Keep out of the reach of children. Avoid breathing of dust created by cutting, sanding, grinding or machining. Avoid contact with oxidizing agents.</p>		

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STORAGE

Store away from acids. Store away from oxidizing agents. Keep from freezing.

11. REGULATORY INFORMATION

See Addendum:

Ref. Page:

Workplace Classification: N/A

12. TOXICOLOGICAL INFORMATION

See Addendum:

Ref. Page:

Acute Data: N/A

13. ECOLOGICAL INFORMATION

See Addendum:

Ref. Page:

Fate in the Environment: NOT DETERMINED

14. DISPOSAL CONDITIONS

See Addendum:

Ref. Page:

Waste Disposal Method: Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

EPA Hazardous Waste Number (RCRA): Not regulated

15. TRANSPORTATION INFORMATION

See Addendum:

Ref. Page:

Fire Hazard – No

Pressure Hazard – No

Reactivity Hazard – No

Immediate Hazard – Yes

Delayed Hazard - No