

SAFETY DATA SHEET (SDS)

UN GLOBALLY HARMONIZED SYSTEM (GHS) FOR HAZARD COMMUNICATION



BUFFING WHEEL

Warning

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HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

SECTION 1: IDENTIFICATION

TUE 3-OCT-2017 15:00

1.1 Product Identification

GHS Product Identifier/Label	Buffing Wheel
Product Codes/Names	VMI 2500 Buffing Wheel

1.2 Recommended Use of the Chemical and Restrictions on Use

Recommended Use	VenMill 2500 Buffing Unit
Restrictions On Use	None identified

1.3 Supplier's Details

Company VENMILL INDUSTRIES
30 TOWN FOREST RD
OXFORD MA 01540-2833
USA



EMERGENCY Information Services

VENMILL: In United States, Canada, Puerto Rico, and the US Virgin Islands: 1-866-864-0210; Outside the United States: +01 or +001 508-363-0410 (call collect). Customer Support hours are Monday - Friday from 8:30 AM - 5:00 PM Eastern time (GMT-05:00).

IF A PERSON HAS COLLAPSED, HAD A SEIZURE, HAS TROUBLE BREATHING, OR CANNOT BE AWAKENED, IMMEDIATELY CALL LOCAL EMERGENCY MEDICAL SERVICES (EMS).

REFER TO SDS SECTION 4, THE USA POISON HELP LINE AT 1-800-222-1222, OR USE POISONHELP.ORG

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the Substance or Mixture

Hazard Category Flammable Solid

2.2 GHS Label Elements

Hazard Pictograms



Signal Words

FLAME [blank] [blank] [blank] [blank]
Warning - - - -

Hazard Statements

H228: Flammable solid

Precautionary Statements

P210: Keep away from heat/sparks/open flames/hot surfaces
 – No smoking

2.3 Unclassified Contributing Hazards

None identified.

2.4 HMIS® Ratings

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical Identity	Common Name	CAS	EC	REACH	Impurity Additives
Non-classified					

3.2 Mixtures

Chemical Identity	Common Name	CAS	EC	REACH	Mass Volume (%)
Non-classified					

SECTION 4: FIRST-AID MEASURES

4.1 Description of Necessary First-Aid Measures

EMERGENCY	<p>IF A PERSON HAS COLLAPSED, HAD A SEIZURE, HAS TROUBLE BREATHING, OR CANNOT BE AWAKENED, IMMEDIATELY CALL LOCAL EMERGENCY MEDICAL SERVICES (EMS).</p> <p>REFER TO SDS SECTION 4, THE USA POISON HELP LINE AT 1-800-222-1222, OR USE POISONHELP.ORG</p>
General	<p>Personal Protective Equipment (PPE) for first-aid responders is recommended.</p>

Inhalation	In case of inhalation exposure: If exposed or concerned, get medical advice/attention.
Skin	In case of skin exposure: Rinse/wash with lukewarm, gently flowing water (and mild soap) for 5 minutes or until product is removed. If skin irritation occurs or persons feel unwell, get medical advice/attention.
Eye	In case of eye exposure, gently brush product off face. Do not rub eyes. Let the eyes water naturally for a few minutes. Look right and left, then up and down. If particle/dust does not come out, cautiously rinse eyes with lukewarm, gently flowing water for 5 minutes or until particle/dust is removed, while holding the eyelids open. If eye irritation persists, get medical advice/attention. Do not attempt to manually remove anything from the eyes.
Ingestion	In case of ingestion: Get medical advice/attention if persons feel unwell.

4.2 Most Important Symptoms/Effects, Acute and Delayed

Eye irritation.

4.3 Indication of Immediate Medical Attention and Treatment Needed

No specific data available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

UL-rated 3-A:40-B:C extinguisher is suggested. Suitable media: Carbon dioxide {CO₂}; dry chemical {sodium bicarbonate NaHCO₃, potassium bicarbonate KHCO₃}; low-expansion aqueous film forming foams (AFFF) {1,3-Propanediol CH₂(CH₂OH)₂, 2-Methyl-2,4-pentanediol (CH₃)₂C(OH)CH₂CH(OH)CH₃ + Dodecanol CH₃(CH₂)₁₀CH₂OH}.

5.2 Special Hazards Arising from Chemicals

Carbon monoxide CO

5.3 Special Protective Actions for Fire-Fighters

Firefighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment. Dried polishing compound and buffing wheel lint and debris may make the mix combustible. Treat as an oil fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

No specific data available.

6.2 Environmental Precautions

No specific data available.

6.3 Methods and Materials for Containment and Cleaning Up

No specific data available.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Wear appropriate personal protective equipment (PPE). Wash thoroughly after handling. Consider potential exposure to processed base materials or coatings.

7.2 Conditions for Safe Storage

No specific data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Substances with Exposure Limits (Air/Biological)	Cal/OSHA- PEL	ACGIH® TLV®	EU	Other
Non-classified				

8.2 Appropriate Engineering Controls

Air Concentration	Respirable dust and debris hazards may be created during buffing operations. Exposure limits for dust particles should not be exceeded beyond ACGIH and TLV-TWA recommend ceilings for respirable silica or dust (0.1-mg/m ³).
Local Exhaust Ventilation	Use local exhaust when buffing.
Equipment Restrictions	Use in enclosed systems, where possible.
Handling Reduction	No specific data available.
Environmental Exposure Controls	No specific data available.
Additional Information	Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash hands or exposed skin after using the product. Buffing with this product may release substances which require monitoring or control.

8.3 Individual Protection Measures and Personal Protective Equipment

Eye/Face Protection	Avoid eye contact. Wear safety glasses or face shield per ANSI/ISEA Z87.1-2015 "American National Standard for Occupational and Educational Personal Eye and Face Protection Devices".
Skin Protection	Avoid skin contact. Wear nitrile rubber protective gloves per ANSI/ISEA 105-2016 "American National Standard for Hand Protection Classification". Wear protective clothing per ISO 13688:2013 "Protective clothing -- General requirements" standard.
Respiratory Protection	Avoid breathing dusts. Wear respirator per ANSI/ASSE Z88.2-2015 "Practices for Respiratory Protection" standard.
Hearing Protection	Wear hearing protection per CSA Z94.2-2014 "Hearing protection devices - Performance, selection, care, and use" standard, where operation is noisy.
Thermal Hazards	Wear protective gloves per BS EN 407:2004 "Protective gloves against thermal risks (heat and/or fire)" standard, where buffing generates sufficient heat.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES AND SAFETY CHARACTERISTICS

9.1 Physical/Chemical Properties

Physical State	Buffing wheel
Color	Varies with use
Odor	Fabric

9.2 Other Information No other information.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Not reactive.
10.2 Chemical Stability	Product is stable at room temperature.
10.3 Possibility of Hazardous Reactions	None known.
10.4 Conditions to Avoid	Avoid sparks, flames, excessive heat.
10.5 Incompatible Materials	No specific data available.
10.6 Hazardous Decomposition Products	Polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Toxicological Health Hazards

Acute Toxicity	Some components of this product have produced both positive and negative findings from in vitro mutagenicity assays. No components are classified by IARC, NTP, or OSHA.
Skin Corrosion/Irritation	Health effects information is not available.
Serious Eye Damage/Irritation	Health effects information is not available.
Respiratory or Skin Sensitization	Health effects information is not available.
Germ Cell Mutagenicity	Health effects information is not available.
Carcinogenicity	Health effects information is not available.
Reproductive Toxicity	Health effects information is not available.
STOT-Single Exposure	Health effects information is not available.
STOT-Repeated Exposure	Health effects information is not available.
Aspiration Hazard	Health effects information is not available.

11.2 Likely Routes of Exposure Health effects information is not available.

11.3 Symptoms Related to Toxicological Characteristics	Health effects information is not available.
11.4 Delayed, Immediate, Chronic Effects of Short/Long Term Exposure	Health effects information is not available.
11.5 Numerical Measures of Toxicity	Health effects information is not available.
11.6 Interactive Effects	Health effects information is not available.
11.7 Where Specific Data Are Not Available	Health effects information is not available.
11.8 Mixtures	Health effects information is not available.
11.9 Mixture vs. Ingredient Information	Health effects information is not available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	No specific data available.
12.2 Persistence and Degradability	No specific data available.
12.3 Bioaccumulative Potential	No specific data available.
12.4 Mobility in Soil	No specific data available.
12.6 Other adverse effects	No specific data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal Methods

Safety of Persons	For the safety of persons conducting disposal, recycling, or reclamation activities, refer to information in section 8 (exposure controls and personal protection) of this SDS.
Proper Disposal	Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Model Regulations

UN Number	Not listed; no action required.
UN Proper Shipping Name	Not regulated; no action required.

Transport Hazard Class(es)	Not listed; no action required.
Packing Group	Not listed; no action required.
Environmental Hazards	Information not available (N/A) or relevant.
Special Precautions for User	Information not available (N/A) or relevant.
Transport in Bulk per Annex II of MARPOL 73/78 & IBC Code	Not listed; no action required.

14.2 Intermodal Shipment Declarations

DOT FMCSA	Not listed; no action required.
ADR	Not listed; no action required.
IMO IMDG	Not listed; no action required.
IATA DGR	Not listed; no action required.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations

TSCA 21st	Not regulated; no action required.
AICS	Not regulated; no action required.
CEPA	Not regulated; no action required.
EINECS	Not regulated; no action required.
SARA	Not regulated; no action required.
CERCLA	Not regulated; no action required.
RCRA	Not regulated; no action required.
REACH	Not regulated; no action required.

SECTION 16: OTHER INFORMATION

16.1 Revision Date	Tue 3-Oct-2017 15:00
16.2 Revision Letter	A
16.3 Revision Notes	A: Conversion to UN GHS 2017 SDS format
16.4 Key/Legend Glossary of Terms Used	<p>DOT FMCSA: US Department of Transportation Federal Motor Carrier Safety Administration {49 CFR §390 et seq.} 2017</p> <p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road {UN ECE/TRANS/42 (Vol I)} 2015</p> <p>IMO IMDG: International Maritime Dangerous Goods Code {IMDG Code 2014 Edition (Amendment 37-14)} 2014</p> <p>IATA DGR: International Air Transport Association Dangerous Goods Regulations {2017 DGR Regular 58th ed. (En.)} 2017</p> <p>TSCA 21st: US Frank R. Lautenberg Chemical Safety for the 21st Century Act {15 USC §2601 et seq.} 2016</p>

AICS: Australian Inventory of Chemical Substances (AICS) {Industrial Chemicals (Notification and Assessment) Act C2013C00643} 1989

CEPA: Canadian Environmental Protection Act {S.C. 1999, c. 33} 1999

EINECS: European INventory of Existing Commercial chemical Substances {Directive 67/548/EEC as amended by Directive 79/831/EEC per Commission Decision 81/437/EEC} 1990

SARA: US Superfund Amendments and Reauthorization Act {42 USC §9601 et seq.} 1986

CERCLA: US Comprehensive Environmental Response, Compensation, and Liability Act - Superfund {42 USC §9601 et seq.} 1980

RCRA: Resource Conservation and Recovery Act {40 CFR §§239-282} 2012

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals {Regulation (EC) No 1907/2006 amended by Commission Regulation (EU) 2017/999 and Commission Regulation (EU) 2017/1510} 2017

16.5 SDS Compliance

GHS: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS) {United Nations Economic Commission for Europe (UNECE) ST/SG/AC.10/30/Rev.7} 2017

OSHA: US Department of Labor Occupational Safety and Health Administration {Hazard Communication Standard (HCS) 29 CFR §1910.1200(g)} 2012

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals {Regulation (EC) No 1907/2006 amended by Commission Regulation (EU) 2017/999 and Commission Regulation (EU) 2017/1510} 2017

WHMIS: Canada Workplace Hazardous Materials Information System {SOR/2015-17} 2015

HMIS®: American Coatings AssociationSM (ACA) Hazardous Materials Identification System (HMIS®) {HMIS® Implementation Manual, Fourth Edition} 2017

PICTOGRAM: United Nations Economic Commission for Europe (UNECE) Pictograms {URL: <https://www.unece.org/trans/danger/publi/ghs/pictograms.html>} 2017

16.6 Employer Responsibilities

Employers must ensure that Safety Data Sheets (SDS) for all hazardous chemicals in their workplace are readily accessible to Employees. SDS access and distribution should be considered for Consumers, Employees, former Employees, and Contractors. Employers should designate person(s) responsible for obtaining and maintaining SDS. If the Employer does not have an SDS, the Employer or designated person(s) should contact the Manufacturer to obtain a current version. Under the US OSHA Access to Employee Exposure and Medical Records standard {29 CFR §1910.1020}, Employers are required to keep a record of Employee exposure to hazardous materials at work. These "Employee exposure records" shall be retained 30+ years after their employment has ended.

16.7 SDS Distribution

Safety Data Sheets (SDS) must be distributed to direct Customers (distributors) at the time of first product shipment. When a SDS is updated, it must be sent with the next product shipment or within three (3) months of learning of "new or significant information". This SDS must be transmitted, stored, recovered, printed, rendered, and copied in its entirety (sections 1-16) and in full color to lawfully depict the branding, Hazard Pictograms, HMIS® ratings, and statements with emphasis.

16.8 Disclaimer

The information contained herein is considered the best available for compliance at the revision date. No warranty is expressed or implied regarding data accuracy. Use of this product is not within the control of the supplier; it is the user's obligation to determine the suitability of the product for its intended application and to assume all risk and liability for its safe use.

16.9 EMERGENCY

IF A PERSON HAS COLLAPSED, HAD A SEIZURE, HAS TROUBLE BREATHING, OR CANNOT BE AWAKENED, IMMEDIATELY CALL LOCAL EMERGENCY MEDICAL SERVICES (EMS).

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END OF SDS: BUFFING WHEEL