Safety Data Sheet

Copyright,2026, 3M Company.
All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

Document Group:	45-0876-8	**Version Number:**	1.03
Issue Date:	04/16/26	**Supersedes Date:**	01/14/25

SECTION 1: Identification

1.1. Product identifier
3M™ VHB™ Tape Water-Based Promoter UV, White

Product Identification Numbers
LA-D100-3668-1, 70-0111-2021-2, 70-0111-2030-3, 70-0111-2031-1, 70-0111-2032-9, 70-0111-4539-1, 70-0111-4540-9
7100359704, 7100359806, 7100359742

1.2. Recommended use and restrictions on use

Recommended use
Adhesion Promoter

1.3. Supplier's details

MANUFACTURER:	3M
DIVISION:	Industrial Adhesives and Tapes Division
ADDRESS:	3M Center, St. Paul, MN 55144-1000, USA
Telephone:	1-888-3M HELPS (1-888-364-3577)

1.4. Emergency telephone number
1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification
Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.2. Label elements
Signal word
Not applicable.

Symbols
Not applicable

Pictograms
Not applicable

4% of the mixture consists of ingredients of unknown acute oral toxicity.

23% of the mixture consists of ingredients of unknown acute inhalation toxicity.

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
Water	7732-18-5	60 - 80
2-Methoxymethylethoxypropanol	34590-94-8	10 - 30
Non-Hazardous Ingredients (NJTS Reg. No. 04499600-7475)	Trade Secret*	5 - 15

NJTS or NJTSRN: New Jersey Trade Secret Registry Number.

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:
No need for first aid is anticipated. If symptoms develop, remove the affected person to fresh air. Get medical attention.

Skin Contact:
If exposed, wash with soap and water. If signs/symptoms develop, get medical attention.

Eye Contact:
If exposed, flush eyes with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms develop, get medical attention.

If Swallowed:
Do not induce vomiting. Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed
No critical symptoms or effects. See Section 11.1, information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required
Not applicable.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media
Use a fire fighting agent suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture
None inherent in this product.

Hazardous Decomposition or By-Products

Substance	Condition
Aldehydes	During Combustion
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion
Hydrogen Gas	During Combustion
Irritant Vapors or Gases	During Combustion
Ammonia	During Combustion
Oxides of Nitrogen	During Combustion

5.3. Special protective actions for fire-fighters
No special protective actions for fire-fighters are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Use personal protective equipment based on the results of an exposure assessment. Refer to Section 8 for PPE recommendations. If anticipated exposure resulting from an accidental release exceeds the protective capabilities of the PPE listed in Section 8, or are unknown, select PPE that offers an appropriate level of protection. Consider the physical and chemical hazards of the material when doing so. Examples of PPE ensembles for emergency response could include wearing bunker gear for a release of flammable material; wearing chemical protective clothing if the spilled material is a corrosive, a sensitizer, a significant dermal irritant, or can be absorbed through the skin; or donning a positive pressure supplied-air respirator for chemicals with inhalation hazards. For information regarding physical and health hazards, refer to sections 2 and 11 of the SDS.

6.2. Environmental precautions
Avoid release to the environment. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water.

6.3. Methods and material for containment and cleaning up
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. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Avoid release to the environment.

7.2. Conditions for safe storage including any incompatibilities
Store away from heat. Store away from acids. Store away from strong bases.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits
If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	C.A.S. No.	Agency	Limit type	Additional Comments
2-Methoxymethylethoxypropanol	34590-94-8	ACGIH	TWA:50 ppm	
2-Methoxymethylethoxypropanol	34590-94-8	OSHA	TWA:600 mg/m3(100 ppm)	SKIN

ACGIH : American Conference of Governmental Industrial Hygienists
AIHA : American Industrial Hygiene Association
CMRG : Chemical Manufacturer's Recommended Guidelines
OSHA : United States Department of Labor - Occupational Safety and Health Administration
TWA: Time-Weighted-Average
STEL: Short Term Exposure Limit
CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls
Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection
None required.

Skin/hand protection
No chemical protective gloves are required.

Respiratory protection
None required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Specific Physical Form:	Liquid
Color	White
Odor	Mild Solvent
Odor threshold	*No Data Available*
pH	>=8.5
Melting point/Freezing point	*Not Applicable*
Boiling point/Initial boiling point/Boiling range	>=100 ºC
Flash Point	No flash point
Evaporation rate	*No Data Available*
Flammability	Not Applicable
Flammable Limits(LEL)	*No Data Available*
Flammable Limits(UEL)	*No Data Available*
Vapor Pressure	20 mmHg [*Details:*@68F]
Relative Vapor Density	*No Data Available*
Density	>=1 g/ml
Relative Density	1 [*Ref Std:*WATER=1] [*Details:*@77F]
Water solubility	<=100 % [*Details:*@77F]
Solubility- non-water	*No Data Available*
Partition coefficient: n-octanol/ water	*No Data Available*
Autoignition temperature	*No Data Available*
Decomposition temperature	*No Data Available*
Kinematic Viscosity	100 mm2/sec
Volatile Organic Compounds	18.8 %
Percent volatile	87 %
VOC Less H2O & Exempt Solvents	651 g/l [*Test Method:*calculated SCAQMD rule 443.1]
VOC Less H2O & Exempt Solvents	188 g/l [*Test Method:*calculated SCAQMD rule 443.1] [*Details:*188 g/l Using Low Solids Calculation]
VOC Less H2O & Exempt Solvents	18.8 % [*Test Method:*calculated SCAQMD rule 443.1] [*Details:*weight percent]
Average particle size	*No Data Available*

Bulk density	*No Data Available*
Molecular weight	*No Data Available*
Softening point	*No Data Available*

Particle Characteristics	*Not Applicable*

SECTION 10: Stability and reactivity

10.1. Reactivity
This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

10.2. Chemical stability
Stable.

10.3. Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4. Conditions to avoid
Heat

10.5. Incompatible materials
Strong bases
Strong acids

No Data Available

10.6. Hazardous decomposition products

Substance	**Condition**
None known.	

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:
No known health effects.

Skin Contact:
Contact with the skin during product use is not expected to result in significant irritation.

Eye Contact:
Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion:
No known health effects.

Toxicological Data
If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Inhalation-Vapor(4 hr)		No data available; calculated ATE >50 mg/l
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
2-Methoxymethylethoxypropanol	Dermal	Rabbit	LD50 > 19,000 mg/kg
2-Methoxymethylethoxypropanol	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 50 mg/l
2-Methoxymethylethoxypropanol	Ingestion	Rat	LD50 5,180 mg/kg
Non-Hazardous Ingredients (NJTS Reg. No. 04499600-7475)	Dermal	Professional judgement	LD50 estimated to be > 5,000 mg/kg
Non-Hazardous Ingredients (NJTS Reg. No. 04499600-7475)	Ingestion	Professional judgement	LD50 estimated to be > 5,000 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
2-Methoxymethylethoxypropanol	Human and animal	No significant irritation
Non-Hazardous Ingredients (NJTS Reg. No. 04499600-7475)	Professional judgement	No significant irritation

Serious Eye Damage/Irritation

Name	Species	Value
2-Methoxymethylethoxypropanol	Rabbit	Mild irritant
Non-Hazardous Ingredients (NJTS Reg. No. 04499600-7475)	Professional judgement	No significant irritation

Skin Sensitization

Name	Species	Value
2-Methoxymethylethoxypropanol	Human	Not classified
Non-Hazardous Ingredients (NJTS Reg. No. 04499600-7475)	Professional judgement	Not classified

Respiratory Sensitization
For the component/components, either no data are currently available or the data are not sufficient for classification.

Germ Cell Mutagenicity

Name	Route	Value

2-Methoxymethylethoxypropanol	In Vitro	Not mutagenic

Carcinogenicity
For the component/components, either no data are currently available or the data are not sufficient for classification.

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
2-Methoxymethylethoxypropanol	Inhalation	Not classified for development	Multiple animal species	NOAEL 1.82 mg/l	during organogenesis

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
2-Methoxymethylethoxypropanol	Dermal	central nervous system depression	Not classified	Rabbit	NOAEL 2,850 mg/kg	
2-Methoxymethylethoxypropanol	Inhalation	central nervous system depression	Not classified	Rat	LOAEL 3.07 mg/l	7 hours
2-Methoxymethylethoxypropanol	Ingestion	central nervous system depression	Not classified	Rat	LOAEL 5,000 mg/kg	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
2-Methoxymethylethoxypropanol	Dermal	kidney and/or bladder	Not classified	Rabbit	NOAEL 9,500 mg/kg/day	90 days
2-Methoxymethylethoxypropanol	Dermal	heart	Not classified	Rabbit	NOAEL 9,500 mg/kg/day	90 days
2-Methoxymethylethoxypropanol	Dermal	endocrine system	Not classified	Rabbit	NOAEL 9,500 mg/kg/day	90 days
2-Methoxymethylethoxypropanol	Dermal	hematopoietic system	Not classified	Rabbit	NOAEL 9,500 mg/kg/day	90 days
2-Methoxymethylethoxypropanol	Dermal	liver	Not classified	Rabbit	NOAEL 9,500 mg/kg/day	90 days
2-Methoxymethylethoxypropanol	Dermal	respiratory system	Not classified	Rabbit	NOAEL 9,500 mg/kg/day	90 days
2-Methoxymethylethoxypropanol	Inhalation	heart	Not classified	Rat	NOAEL 1.21 mg/l	90 days
2-Methoxymethylethoxypropanol	Inhalation	hematopoietic system	Not classified	Rat	NOAEL 1.21 mg/l	90 days
2-Methoxymethylethoxypropanol	Inhalation	liver	Not classified	Rat	NOAEL 1.21 mg/l	90 days
2-Methoxymethylethoxypropanol	Inhalation	immune system	Not classified	Rat	NOAEL 1.21 mg/l	90 days
2-	Inhalation	nervous system	Not classified	Rat	NOAEL 1.21	90 days

Methoxymethylethoxypropanol					mg/l	
2-Methoxymethylethoxypropanol	Inhalation	eyes	Not classified	Rat	NOAEL 1.21 mg/l	90 days
2-Methoxymethylethoxypropanol	Inhalation	kidney and/or bladder	Not classified	Rat	NOAEL 1.21 mg/l	90 days
2-Methoxymethylethoxypropanol	Ingestion	liver	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
2-Methoxymethylethoxypropanol	Ingestion	heart	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
2-Methoxymethylethoxypropanol	Ingestion	endocrine system	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
2-Methoxymethylethoxypropanol	Ingestion	bone, teeth, nails, and/or hair	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
2-Methoxymethylethoxypropanol	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
2-Methoxymethylethoxypropanol	Ingestion	immune system	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
2-Methoxymethylethoxypropanol	Ingestion	nervous system	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
2-Methoxymethylethoxypropanol	Ingestion	kidney and/or bladder	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days
2-Methoxymethylethoxypropanol	Ingestion	respiratory system	Not classified	Rat	NOAEL 1,000 mg/kg/day	28 days

Aspiration Hazard
For the component/components, either no data are currently available or the data are not sufficient for classification.

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

Ecotoxicological information

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

Chemical fate information

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

SECTION 13: Disposal considerations

13.1. Disposal methods
Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations

classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

SECTION 14: Transport Information

For Transport Information, please visit http://3M.com/Transportinfo or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information

15.1. US Federal Regulations

Contact 3M for more information.

EPCRA 311/312 Hazard Classifications:

Physical Hazards
Not Applicable.

Health Hazards
Not Applicable.

15.2. State Regulations

Contact 3M for more information.

15.3. Chemical Inventories

The components of this product are in compliance with the chemical notification requirements of TSCA. One or more chemical components of this material have been commercialized under the TSCA polymer exemption at 40CFR723.250. Polymers subject to this exemption are not listed on the TSCA Inventory, but are in compliance with TSCA requirements.

Contact 3M for more information.

15.4. International Regulations

Contact 3M for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other information

NFPA Hazard Classification

Health: 0 **Flammability:** 1 **Instability:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

Document Group:	45-0876-8	**Version Number:**	1.03
Issue Date:	04/16/26	**Supersedes Date:**	01/14/25

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable

for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

3M provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, 3M makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the SDS available directly from 3M.

3M USA SDSs are available at www.3M.com