



MATERIAL SAFETY DATA SHEET



SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: Barrier WD

April 13, 2010

Vishay Measurements Group, Inc.
Post Office Box 27777
Raleigh, NC 27611

919-365-3800

CHEMTREC 1-800-424-9300 (U.S.)
703-527-3887 (Outside U.S.)

NOTE: CHEMTREC numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CAS NUMBER	CHEMICAL IDENTITY	%
NA	Petroleum Wax Blend	100

SECTION 3: HEALTH HAZARD DATA

Routes of Entry:

Inhalation: Yes Skin: Yes Ingestion: No

Health Hazards (Acute and Chronic):

Carcinogenicity: NTP: Not listed
 IARC Monographs: Not listed
 OSHA Regulated: Not listed

Signs and Symptoms of Exposure:

INHALATION: Molten wax fumes may cause mild upper respiration irritation.

EYE CONTACT: Molten wax fumes may be slightly irritating to the eyes.

SKIN CONTACT: Molten wax may cause burns on contact with skin.

INGESTION: No specific information identified.

Conditions Generally Aggravated by Exposure: None known.

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

Barrier WD MSDS (Continued)

INHALATION: Remove victim to fresh air. Seek medical attention.

EYE CONTACT: Flush eyes with water for 15 minutes. Seek medical attention.

SKIN CONTACT: If hot wax touches skin, drench or immerse the area in cold water to assist cooling. Do not try to remove wax from burn. Seek medical attention. If solid wax contacts skin, wash with soapy water.

INGESTION: Get medical attention.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): > 400°F (202.4°C)

Flammable limits: LEL: Unknown UEL: Unknown

Extinguishing Media: Foam, carbon dioxide, dry chemical.

Special Firefighting Procedures: Do not use water.

Unusual Fire and Explosion Hazards: Avoid breathing wax fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled: Contain spill and allow to solidify. Scrape up solids for disposal.

SECTION 7: EXPOSURE CONTROLS -- PERSONAL PROTECTION

Respiratory Protection: None needed unless fumes are present.

Ventilation:

Local Exhaust: Use fan for fumes if needed.

Mechanical: If needed to reduce fumes, use fan with velocity of >60 CFM.

Special: None needed.

Other: None needed.

Protective Gloves: Recommended around molten material.

Eye Protection: Recommended around molten material.

Other Protective Clothing or Equipment: As needed to provide protection against contact with molten material.

Work / Hygienic Practices: Wash hands after use.

SECTION 8: HANDLING AND STORAGE

Barrier WD MSDS (Continued)

Precautions to be taken in handling and storing: Avoid skin contact with hot material. Minimize breathing wax fumes.

Other Precautions: Store away from heat, flame and direct sunlight.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	NA
Vapor Pressure (mmHg):	NA
Vapor Density (Air = 1):	NA
Specific Gravity (H ₂ O = 1):	<1
Melting Point:	120-140°F (48.9-60°C)
Evaporation Rate (BuAc = 1):	NA
Volatile Organic Compounds:	NA
Solubility in Water:	Insoluble

Appearance and Odor: Yellow semi-solid paste with little or no odor.

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: Stable.

Conditions to Avoid: Direct contact with open flame.

Incompatibility (Materials to Avoid): None Known.

Hazardous Decomposition or By-products: Primarily carbon monoxide and carbon dioxide upon combustion.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Petroleum Wax Blend

OSHA PEL:	NA
ACGIH TLV:	2 mg/m ³ *
OTHER:	

* Exposure limits are set for paraffin wax fumes.

SECTION 12: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with local, state, and federal environmental regulations.

SECTION 13: TRANSPORTATION INFORMATION

SHIPPING NAME

CLASS

UN NUMBER

Barrier WD MSDS (Continued)

Not regulated when shipped as a solid material below the temperature of 212°F.

SECTION 14: REGULATORY INFORMATION

SECTION 313 SUPPLIER NOTIFICATION:

This product contains a toxic chemical or chemicals (as listed below) subject to the reporting requirements of Section 313 Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372.

CAS NUMBER	CHEMICAL NAME	% BY WEIGHT
-------------------	----------------------	--------------------

None listed

TSCA NOTIFICATION:

All components of this product are listed in the Toxic Substance Control Act Chemical Substance Inventory (TSCA).

SECTION 15: OTHER INFORMATION

To the best of our knowledge, the information provided above meets the requirements of the United States Occupational Safety and Health Act and regulations established under 29 CFR 1910.1200 (g)(2)(c)(1)-(4) for a mixture of hazardous chemicals which has not been tested as a whole. The data provided on this Material Safety Data Sheet is from manufacturers of the original components. Micro-Measurements specifically disclaims any and all form of liability and/or responsibility for the application of this product.