



**3M General Offices**  
3M Center  
St. Paul, MN 55144-1000  
1-800-364-3577 or (651) 737-6501 (24 hours)

10/3/2013 7:32:51 AM

## Safety Data Sheet

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Purchase Order #: 1462788  
Customer Number: GTK7737

Technical Product Manager  
DIGI-KEY CORP  
701 BROOKS AVE S  
THIEF RVR FLS, MN 56701-2757  
United States of America

Dear Technical Product Manager

Enclosed is the Safety Data Sheet (SDS)\* for the product that your company recently purchased from 3M.

Please forward the attached document(s) to the individual in your organization responsible for hazard communication.

If you are a distributor and resell this product, OSHA and EPA require that you transmit this SDS information to your customers at the time of first shipment or whenever you receive revised SDSs from 3M.

3M SDSs are available over the Internet at [www.3m.com/MSDSSearch](http://www.3m.com/MSDSSearch). You may also order a DVD of 3M SDSs by calling 1-800-364-3577.

3M is committed to meeting our customer requirements. Please contact your 3M customer service or sales representative if you have any questions. If you do not know whom to contact, please call the 3M Product Information Center at 1-800-364-3577.

**If you are not currently receiving 3M SDSs by e-mail and would like to do so, please contact our eSDS Administrator at [emsdsadmin@mmm.com](mailto:emsdsadmin@mmm.com) or by calling 651-736-5875.**

\*An Article Information Sheet (AIS) or Article Information Letter (AIL) may be enclosed in place of an SDS if the product is an article which does not require an SDS under the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.





## Material Safety Data Sheet

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 3M™ VHB™ Tapes 5952 and 5952WF  
**MANUFACTURER:** 3M  
**DIVISION:** Industrial Adhesives and Tapes Division  
**ADDRESS:** 3M Center, St. Paul, MN 55144-1000

**EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)**

**Issue Date:** 09/25/13  
**Supersedes Date:** 09/25/13

**Document Group:** 21-9240-9

#### Product Use:

**Specific Use:** Attachment/Reinforcement  
**Intended Use:** Industrial use

### SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
Acrylic Foam Carrier	Trade Secret	85 - 95
Acrylic Adhesive	Trade Secret	5 - 15

### SECTION 3: HAZARDS IDENTIFICATION

#### 3.1 EMERGENCY OVERVIEW

**Odor, Color, Grade:** Gray acrylic foam tape with red polyethylene liner, slight acrylate odor.

**General Physical Form:** Solid

**Immediate health, physical, and environmental hazards:** The environmental properties of this product present a low environmental hazard. This product, when used under reasonable conditions and in accordance with the 3M directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

#### 3.2 POTENTIAL HEALTH EFFECTS

**Eye Contact:**

No health effects are expected.

**Skin Contact:**

No health effects are expected.

**Inhalation:**

No health effects are expected.

**Ingestion:**

No health effects are expected.

### 3.3 POTENTIAL ENVIRONMENTAL EFFECTS

This substance does not leach metals or other RCRA (Resource Conservation and Recovery Act) listed TCLP (Toxic Characteristic Leaching Procedure) hazardous substances at concentrations that would make the product a hazardous waste.

## SECTION 4: FIRST AID MEASURES

### 4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

**Eye Contact:** Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention. No need for first aid is anticipated.

**Skin Contact:** Wash affected area with soap and water. If signs/symptoms develop, get medical attention. No need for first aid is anticipated.

**Inhalation:** No need for first aid is anticipated.

**If Swallowed:** No need for first aid is anticipated.

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1 FLAMMABLE PROPERTIES

Autoignition temperature	<i>Not Applicable</i>
Flash Point	<i>Not Applicable</i>
Flammable Limits(LEL)	<i>Not Applicable</i>
Flammable Limits(UEL)	<i>Not Applicable</i>

### 5.2 EXTINGUISHING MEDIA

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

### 5.3 PROTECTION OF FIRE FIGHTERS

**Special Fire Fighting Procedures:** Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

**Unusual Fire and Explosion Hazards:** Not applicable. No unusual fire or explosion hazards are anticipated.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Not applicable.

### 6.2. Environmental precautions

Not applicable.

### Clean-up methods

Not applicable.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

## SECTION 7: HANDLING AND STORAGE

### 7.1 HANDLING

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

### 7.2 STORAGE

Not applicable.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 ENGINEERING CONTROLS

Not applicable.

### 8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### 8.2.1 Eye/Face Protection

The following eye protection(s) are recommended: Safety Glasses with side shields

#### 8.2.2 Skin Protection

Avoid prolonged or repeated skin contact. Gloves not normally required.

#### 8.2.3 Respiratory Protection

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

#### 8.2.4 Prevention of Swallowing

Not an expected route of exposure.

### 8.3 EXPOSURE GUIDELINES

None Established

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Odor, Color, Grade:</b>	Gray acrylic foam tape with red polyethylene liner, slight acrylate odor.
<b>General Physical Form:</b>	Solid
<b>Autoignition temperature</b>	<i>Not Applicable</i>
<b>Flash Point</b>	<i>Not Applicable</i>
<b>Flammable Limits(LEL)</b>	<i>Not Applicable</i>
<b>Flammable Limits(UEL)</b>	<i>Not Applicable</i>
<b>Boiling Point</b>	<i>Not Applicable</i>
<b>Density</b>	<i>Not Applicable</i>
<b>Vapor Density</b>	<i>Not Applicable</i>
<b>Vapor Pressure</b>	<i>Not Applicable</i>
<b>Specific Gravity</b>	<i>Not Applicable</i>
<b>pH</b>	<i>Not Applicable</i>
<b>Melting point</b>	<i>Not Applicable</i>
<b>Solubility in Water</b>	Nil
<b>Evaporation rate</b>	<i>Not Applicable</i>
<b>Volatile Organic Compounds</b>	<i>Not Applicable</i>
<b>Kow - Oct/Water partition coef</b>	<i>No Data Available</i>
<b>Percent volatile</b>	<i>Not Applicable</i>
<b>Viscosity</b>	<i>Not Applicable</i>

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable.

**Materials and Conditions to Avoid:**

**10.1 Conditions to avoid**

None known

**10.2 Materials to avoid**

None known

**Hazardous Polymerization:** Hazardous polymerization will not occur.

**Hazardous Decomposition:** Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.

## SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

## SECTION 12: ECOLOGICAL INFORMATION

## ECOTOXICOLOGICAL INFORMATION

Not determined. Not applicable.

## CHEMICAL FATE INFORMATION

Not determined. Not applicable.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Reclaim if feasible. If product can't be reclaimed, dispose of waste product in a sanitary landfill. Alternatively, incinerate the waste product in an industrial, commercial, or municipal incinerator. As a disposal alternative, incinerate in an industrial or commercial facility.

Since regulations vary, consult applicable regulations or authorities before disposal.

## SECTION 14: TRANSPORT INFORMATION

### ID Number(s):

70-0000-9291-9, 70-0000-9366-9, 70-0062-9144-0, 70-0062-9306-5, 70-0062-9366-9, 70-0063-5758-9, 70-0063-5759-7, 70-0063-5760-5, 70-0063-5998-1, 70-0160-9309-1, 70-0160-9352-1

Not regulated per U.S. DOT, IATA or IMO.

*These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M transportation classifications are based on product formulation, packaging, 3M policies and 3M understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and **not the packaging, labeling, or marking requirements**. The original 3M package is certified for U.S. ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.*

## SECTION 15: REGULATORY INFORMATION

### US FEDERAL REGULATIONS

Contact 3M for more information.

### 311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - No Delayed Hazard - No

### STATE REGULATIONS

Contact 3M for more information.

### CHEMICAL INVENTORIES

This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory listing requirements.

Contact 3M for more information.

## INTERNATIONAL REGULATIONS

Contact 3M for more information.

This MSDS 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 Reactivity: 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.

### Revision Changes:

Section 1: Product name information was modified.  
Section 1: Product use information information was modified.  
Section 1: Emergency phone information information was deleted.  
Company Logo information was deleted.  
Copyright information was deleted.  
Section 16: Disclaimer (second paragraph) information was modified.  
Section 16: Web address heading information was deleted.  
Section 4: First aid for eye contact - decontamination - information was added.  
Section 4: First aid for eye contact - medical assistance - information was added.  
Section 5: Unusual fire and explosion hazard information information was modified.  
Section 6: Release measures information information was deleted.  
Section 6: Release measures heading information was deleted.  
Section 8: Eye/face protection phrase information was deleted.  
Section 8: Skin protection phrase information was modified.  
Section 13: Waste disposal method information information was modified.  
Section 8: Eye/face protection information information was added.  
Section 4: First aid for skin contact - decontamination - information was added.  
Section 4: First aid for skin contact - medical assistance - information was added.  
Section 8: Eye/face protection text information was added.  
Section 10: Materials and conditions to avoid physical property information was deleted.  
Section 14: Transportation legal text information was modified.  
Section 6: Release measures note - reportability - information was added.  
Page Heading: Product name information was modified.  
Article disclaimer text (following the copyright) information was deleted.  
Section 9: Density information information was modified.  
Section 9: Vapor density value information was modified.  
Section 9: Vapor pressure value information was modified.  
Section 9: Boiling point information information was modified.  
Section 5: Flammable limits (UE) information information was modified.  
Section 5: Flammable limits (LEL) information information was modified.  
Section 5: Autoignition temperature information information was modified.  
Section 5: Flash point information information was modified.  
Section 9: Property description for optional properties information was modified.  
Section 9: Specific gravity information information was modified.  
Section 9: pH information information was modified.  
Section 9: Melting point information information was modified.  
Section 9: Solubility in water text information was modified.

Section 1: Initial issue message information was modified.  
Section 1: Address line 1 information was deleted.  
Section 1: Address line 2 information was deleted.  
Section 9: Flash point information information was modified.  
Section 9: Flammable limits (LEL) information information was modified.  
Section 9: Flammable limits (UEL) information information was modified.  
Section 9: Autoignition temperature information information was modified.  
Section 8: Eye/face protection information - punctuation - information was added.  
Section 12: Ecotoxicological phrase information was modified.  
Section 12: Chemical Fate phrase information was modified.  
Section 14: ID Number Heading Template 1 information was added.  
Section 14: ID Number(s) Template 1 information was added.  
Section 2: Ingredient table information was added.  
Section 8: Exposure guidelines information - none - information was added.  
Section 6: 6.2. Environmental precautions heading information was added.  
Section 6: 6.1. Personal precautions, protective equipment and emergency procedures heading information was added.  
Section 10.1 Conditions to avoid heading information was added.  
Section 10.2 Materials to avoid heading information was added.  
Section 16: Web address information was added.  
Section 6: Personal precautions information information was added.  
Section 6: Environmental procedures information information was added.  
Section 6: Methods for cleaning up information information was added.  
Section 10: Materials to avoid physical property information was added.  
Section 10: Conditions to avoid physical property information was added.  
Section 8: Hand protection information information was added.  
Section 1: Address information was added.  
Copyright information was added.  
Company logo information was added.  
Section 6: Clean-up methods heading information was added.  
Telephone header information was added.  
Company Telephone information was added.  
Section 1: Emergency phone information information was added.

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