

MATERIAL SAFETY DATA SHEET 3M™ 300MP Adhesive Double Coated Tapes 9687C, 9832, 9832BR, and 9832HL 03/27/13
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Material Safety Data Sheet

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This material safety data sheet (MSDS) is provided as a courtesy in response to a customer request. This product is not regulated under, and a MSDS is not required for this product by the OSHA Hazard Communication Standard (29 CFR 1910.1200) because, when used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 3M™ 300MP Adhesive Double Coated Tapes 9687C, 9832, 9832BR, and 9832HL
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: 03/27/13
Supercedes Date: 03/15/13

Document Group: 27-3342-6

Product Use:

Specific Use: Attachment/Reinforcement
Intended Use: Industrial use

SECTION 2: INGREDIENTS

Ingredient	C.A.S. No.	% by Wt
Acrylic Adhesive Polymer	Trade Secret	60 - 90
Polyester Carrier	None	10 - 30
Paper or Polyester Disposable Liner	Mixture	Not Applicable

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Odor, Color, Grade: Clear Adhesive Double Coated on a Polyester (Clear or Black) or Non Woven Film, Disposable Liner, Minimal 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.

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

Not applicable.

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 applicable.

8.3 EXPOSURE GUIDELINES

None Established

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odor, Color, Grade:	Clear Adhesive Double Coated on a Polyester (Clear or Black) or Non Woven Film, Disposable Liner, Minimal acrylate odor.
General Physical Form:	Solid
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>
Boiling Point	<i>Not Applicable</i>
Density	<i>Not Applicable</i>
Vapor Density	<i>Not Applicable</i>
Vapor Pressure	<i>Not Applicable</i>
Specific Gravity	<i>Not Applicable</i>
pH	<i>Not Applicable</i>
Melting point	<i>Not Applicable</i>
Solubility in Water	Nil
Evaporation rate	<i>Not Applicable</i>
Volatile Organic Compounds	<i>Not Applicable</i>
Kow - Oct/Water partition coef	<i>No Data Available</i>
Percent volatile	<i>Not Applicable</i>
VOC Less H2O & Exempt Solvents	<i>Not Applicable</i>
Viscosity	<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

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 was modified.

Page Heading: Product name was modified.

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According to EEC Directive 2001/58

1. GENERAL INFORMATION.

Identification of substance or preparation: Composite of cork with nitrile and styrene butadiene rubber binder.

Commercial product name: **DC 205**

Application: Gasketing material

Manufacturer/Supplier:

Amorim Cork Composites, SA

Rua Bento Gonçalves, n.º 7

Santa Marta de Corroios

2855-574 Corroios - Portugal

Tel.: 351 - 21 - 255 76 00

Fax: 351 - 21 - 255 76 01

Information provided by: The manufacturer

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Chemical composition: Nitrile butadiene rubber, styrene butadiene rubber and cork (suberin, lignin and cellulose)

3. HAZARDS IDENTIFICATION.

The product is not considered to present any hazards when processed according to correct working procedures.

4. FIRST AID MEASURES.

Inhalation: Dust inhalation, inhalation of vapours from heated products, inhalation of vapours due to thermal decomposition – Move to fresh air and in case of persistent problems consults a doctor.

Skin contact Cool skin with cold water after contact with molten compound removes product with vegetable oil or paraffin. In case of adhesion, do not try to remove the product. Treat the affected areas as thermal burns.

Eye contact Remove particles remaining under the eyelids. Wash well open immediately, abundantly and thoroughly with water. If irritation persists, consult an ophthalmologist.

5. FIRE FIGHTING MEASURES.

Suitable extinguishing media: Water spray, foam, carbon dioxide (CO₂).

Specific Hazards: Thermal decomposition giving toxic products: carbon monoxide and carbon dioxide.

Protective equipment for fire-fighters: In case of fire, wear a self-contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES.

<u>Personal protection:</u>	Sweep up to prevent hazard of slipping.
<u>Environmental protection:</u>	Do not release into the environment. Do not let the product enter into drains
<u>Methods for cleaning up:</u>	Shovel or sweep up. Collect into suitable labelled containers for disposal. Destroy the product by incineration at an approved waste disposal site

7. HANDLING AND STORAGE.

<u>Handling:</u>	Storage and handling precautions applicable to product. Ensure appropriate exhaust and ventilation at machinery.
<u>Storage:</u>	Store protected from moisture and heat.

8. EXPOSURE CONTROL / PERSONAL PROTECTION.

<u>General:</u>	No special precautions necessary under normal processing.
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9. PHYSICAL AND CHEMICAL PROPERTIES.

<u>Appearance:</u>	Solid in block, slab, sheet, log or roll form
<u>Colour:</u>	Green
<u>Odour:</u>	Faint

	<u>Value</u>
<u>Specific gravity (25 °C):</u>	0.750
<u>Flash point:</u>	Not applicable
<u>Solubility in water:</u>	Insoluble

10. STABILITY AND REACTIVITY.

<u>Conditions to avoid:</u>	Store protected from moisture and heat.
<u>Hazard decompositions products:</u>	Thermal decomposition giving toxic products: carbon monoxide and carbon dioxide (CO ₂).
<u>Further information:</u>	The product is stable at ambient temperatures. Start of exothermal decomposition at about 200° C – 250° C.

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11. TOXICOLOGICAL INFORMATION.

- Acute toxicity: According to its composition, this product should not be harmful in normal conditions of use.
- Local effects: Inhalation: Possible irritation of respiratory system. At high temperatures, products of thermal decomposition can be irritating to respiratory system.
- Ingestion: Can be considered not harmful if swallowed.
- Skin contact: Can be considered as non-irritating to skin. Contact with the product, when handled at high temperatures, cause serious burns. At high temperature, products of thermal decomposition can be irritating to skin.
- Eye contact: Can be considered as non-irritating to eyes. Contact with the product, when handled at high temperatures, can cause serious burns. At high temperature, products of thermal decomposition can be irritating to eyes.

12. ECOLOGICAL INFORMATION

- Ecotoxicity: Inert material
- Persistence and degradation: Not biodegradable on the base of its structure

13. DISPOSAL CONSIDERATION.

- Product: Landfill or incineration in accordance with federal, state and local regulations. Always consult the relevant local authority before disposal. The material can be recycled. Where possible recycling is preferred to disposal or incineration.

14. TRANSPORT INFORMATION.

- Road & Rail (ADR/RID): Not regulated.
- Sea (IMDG/IMO): Not regulated.
- Air (ICAO/IATA): Not regulated.

15. REGULATORY INFORMATION.

- EEC Directive: -
- EC classification/ Labelling: -
- Dangerous preparation: Not classified as dangerous (D. 1999/45/EC)
- Inventories: EINECS (EU): conforms
TSCA (USA): conforms
DSL (Canada): conforms

16. OTHER INFORMATION.

The information given in this Material Safety Data Sheet is based on knowledge available at the time of compilation and is intended to describe the product only in terms of health and safety requirements. It does not signify any warranty with regard to specific properties or specifications. The present product is designed for general industrial use.