



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™ Multi Gas/Vapor Cartridge/Filter 60926, P100 Respiratory Protection
MANUFACTURER: 3M
DIVISION: Personal Safety Division
ADDRESS: 3M Center, St. Paul, MN 55144-1000

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

Issue Date: 08/13/13
Supercedes Date: 08/26/03

Document Group: 18-7913-9

Product Use:

Intended Use: Respiratory protection

SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
Polystyrene	Unknown	40 - 70
Activated Carbon	Unknown	30 - 60
Carbon Treatment	Unknown	5 - 10
Glass Fiber Paper	Unknown	1 - 5
Adhesive	Unknown	1 - 5
Polyester	Unknown	1 - 5

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Odor, Color, Grade: Cartridge filled with activated carbon sorbent.

General Physical Form: Solid

Immediate health, physical, and environmental hazards: 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

Not determined.

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: No need for first aid is anticipated.
Skin Contact: 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>No Data Available</i>
Flash Point	<i>No Data Available</i>
Flammable Limits(LEL)	<i>No Data Available</i>
Flammable Limits(UEL)	<i>No Data Available</i>
OSHA Flammability Classification:	Not Applicable

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: No unusual fire or explosion hazards are anticipated.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

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

Not applicable.

8.2.3 Respiratory Protection

Not applicable.

8.2.4 Prevention of Swallowing

Not applicable.

8.3 EXPOSURE GUIDELINES

None Established

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odor, Color, Grade:	Cartridge filled with activated carbon sorbent.
General Physical Form:	Solid
Autoignition temperature	<i>No Data Available</i>
Flash Point	<i>No Data Available</i>
Flammable Limits(LEL)	<i>No Data Available</i>
Flammable Limits(UEL)	<i>No Data Available</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>No Data Available</i>
Solubility In Water	<i>Not Applicable</i>
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 or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	Not Specified
Carbon dioxide	Not Specified

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 applicable.

CHEMICAL FATE INFORMATION

Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Reclaim if feasible. Dispose of used cartridge/canister assembly in a manner consistent with the substance for which the cartridge/canister was used.

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

SECTION 14: TRANSPORT INFORMATION

ID Number(s):

70-0707-0948-3

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

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: 0 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.

HMIS Hazard Classification

Health: 0 Flammability: 0 Reactivity: 0 Protection: X - See PPE section.

Hazardous Material Identification System (HMIS®) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint and Coatings Association (NPCA).

Revision Changes:

Section 1: Product name information was modified.
Section 1: Product use information information was modified.
Section 16: NFPA hazard classification heading information was modified.
Section 16: HMIS hazard classification heading information was modified.
Section 3: Potential environmental effects heading information was modified.
Section 1: Division name information was modified.
Section 16: Disclaimer (second paragraph) information was modified.
Section 5: Fire fighting procedures information information was modified.
Section 10: Hazardous decomposition or by-products table information was modified.
Section 15: 311/312 hazard categories heading information was modified.
Section 15: International regulations information information was modified.
Section 15: State regulations information information was modified.
Section 15: US federal regulations information information was modified.
Section 10: Hazardous polymerization heading information was modified.
Section 14: Transportation legal text information was modified.
Section 16: HMIS explanation information was modified.
Section 16: NFPA explanation information was modified.
Page Heading: Product name information was modified.
Section 15: Inventories information information was modified.
Article disclaimer text (following the copyright) information was modified.
Section 12: Ecotoxicological information heading information was modified.
Section 12: Chemical fate information heading information was modified.
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 value information was modified.
Section 1: Initial issue message information was modified.
Section 16: NFPA hazard classification for special hazards information was modified.
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 10: Hazardous decomposition heading information was modified.
Section 12: Ecotoxicological phrase information was modified.
Section 12: Chemical Fate phrase information was modified.
Section 3: Ingredient phrase information was added.
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 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.
Section 1: Emergency phone information information was deleted.
Company Logo information was deleted.
Copyright information was deleted.
Section 16: Web address heading information was deleted.
Section 6: Release measures information information was deleted.
Section 6: Release measures heading information was deleted.
Section 10: Materials and conditions to avoid physical property information was deleted.
Section 1: Address line 1 information was deleted.
Section 1: Address line 2 information was deleted.

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