

DOW CORNING CORPORATION
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Version: 1.0
Revision Date: 2005/07/12

MULTI-FLEX TES A3003 PE1 NATURAL

9010-79-1 3.0 - 7.0 Ethylene propylene copolymer

Pennsylvania

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
132778-07-5	40.0 - 70.0	Benzene, ethenyl-, polymer with 1,3-butadiene and 2-methyl-1,3-butadiene, hydrogenated, block
8042-47-5	40.0 - 70.0	Mineral oil
9010-79-1	3.0 - 7.0	Ethylene propylene copolymer

16. OTHER INFORMATION

Prepared by: Dow Corning Corporation

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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15. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings**Section 302 Extremely Hazardous Substances (40 CFR 355):**

None.

Section 304 CERCLA Hazardous Substances (40 CFR 302):

None.

Section 311/312 Hazard Class (40 CFR 370):

Acute: Yes
 Chronic: No
 Fire: No
 Pressure: No
 Reactive: No

Section 313 Toxic Chemicals (40 CFR 372):

None present or none present in regulated quantities.

Supplemental State Compliance Information**California**

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

None known.

Massachusetts

No ingredient regulated by MA Right-to-Know Law present.

New Jersey

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>
132778-07-5	40.0 - 70.0	Benzene, ethenyl-, polymer with 1,3-butadiene and 2-methyl-1,3-butadiene, hydrogenated, block
8042-47-5	40.0 - 70.0	Mineral oil

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No known applicable information.

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

Ecotoxicity Classification Criteria

Hazard Parameters (LC50 or EC50)	High	Medium	Low
Acute Aquatic Toxicity (mg/L)	<=1	>1 and <=100	>100
Acute Terrestrial Toxicity	<=100	>100 and <= 2000	>2000

This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993.

This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section concerning the overall ecological safety of this material.

13. DISPOSAL CONSIDERATIONS

RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No

State or local laws may impose additional regulatory requirements regarding disposal.

Call (989) 496-6315, if additional information is required.

14. TRANSPORT INFORMATION

DOT Road Shipment Information (49 CFR 172.101)

Not subject to DOT.

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations.

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Revision Date: 2005/07/12**MULTI-FLEX TES A3003 PE1 NATURAL****Personal Protective Equipment for Spills**

Eyes: Use full face respirator.

Skin: Washing at mealtime and end of shift is adequate.

Inhalation/Suitable Respirator: Respiratory protection recommended. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MHSA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Precautionary Measures: Avoid eye contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed. Do not take internally. Use reasonable care.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Thermoplastic Pellet
Color: See product name
Odor: Slight odor
Specific Gravity @ 25°C: 0.89
Viscosity: Not determined.
Freezing/Melting Point: Not determined.
Boiling Point: Not determined.
Vapor Pressure @ 25°C: Not determined.
Vapor Density: Not determined.
Solubility in Water: Not determined.
pH: Not determined.
Volatile Content: Not determined.

Note: The above information is not intended for use in preparing product specifications. Contact Dow Corning before writing specifications.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Hazardous Polymerization: Hazardous polymerization will not occur.

Conditions to Avoid: None.

Materials to Avoid: Oxidizing material can cause a reaction.

11. TOXICOLOGICAL INFORMATION**Special Hazard Information on Components**

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Containment/Clean up: Observe all personal protection equipment recommendations described in Sections 5 and 8. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

Note: See section 8 for Personal Protective Equipment for Spills. Call (989) 496-5900, if additional information is required.

7. HANDLING AND STORAGE

Use with adequate ventilation. Avoid eye contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed. Do not take internally.

Use reasonable care and store away from oxidizing materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Component Exposure Limits**

There are no components with workplace exposure limits.

Engineering Controls

Local Ventilation: Recommended.
General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling

Eyes: Use proper protection - safety glasses as a minimum.

Skin: Washing at mealtime and end of shift is adequate.

Suitable Gloves: No special protection needed.

Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. IH personnel can assist in judging the adequacy of existing engineering controls.

Suitable Respirator: General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

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MULTI-FLEX TES A3003 PE1 NATURALMedical Conditions Aggravated by Exposure

No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

4. FIRST AID MEASURES

Eye:	Immediately flush with water for 15 minutes.
Skin:	No first aid should be needed.
Inhalation:	Remove to fresh air. Get medical attention if ill effects persist.
Oral:	No first aid should be needed.
Comments:	Treat according to person's condition and specifics of exposure.

5. FIRE FIGHTING MEASURES

Flash Point:	Not applicable.
Autoignition Temperature:	Not determined.
Flammability Limits in Air:	Not determined.
Extinguishing Media:	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO ₂), dry chemical or water spray. Water can be used to cool fire exposed containers.
Fire Fighting Measures:	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Unusual Fire Hazards:	None.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Metal oxides. Silicon dioxide. Formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

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Revision Date: 2005/07/12**MULTI-FLEX TES A3003 PE1 NATURAL****1. PRODUCT AND COMPANY IDENTIFICATION**Dow Corning Corporation
South Saginaw Road
Midland, Michigan 48686**24 Hour Emergency Telephone: (989) 496-5900**
Customer Service: (989) 496-6000
Product Disposal Information: (989) 496-6315
CHEMTREC: (800) 424-9300

MSDS No.: 04062170

Revision Date: 2005/07/12

Generic Description: Thermoplastic Elastomer (Rubber)
Physical Form: Thermoplastic Pellet
Color: See product name
Odor: Slight odor

NFPA Profile: Health 1 Flammability 1 Instability/Reactivity 0

Note: NFPA = National Fire Protection Association

2. OSHA HAZARDOUS COMPONENTS

None present. This is not a hazardous material as defined in the OSHA Hazard Communication Standard.

3. HAZARDS IDENTIFICATION**POTENTIAL HEALTH EFFECTS****Acute Effects**

Eye: Direct contact may cause mild irritation.

Skin: No significant irritation expected from a single short-term exposure.

Inhalation: Material does not pose an inhalation hazard in pellet form. However, dust and/or fumes created during processing may cause respiratory tract irritation. Overexposure by inhalation may cause drowsiness, dizziness, confusion or loss of coordination.

Oral: Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects

Skin: Repeated or prolonged exposure may cause irritation.

Inhalation: No known applicable information.

Oral: Repeated ingestion or swallowing large amounts may injure internally.

Signs and Symptoms of Overexposure

No known applicable information.

Conditions to Avoid: strong oxidizing agents
Hazardous Polymerization: will not occur

Section 11 – Toxicological Information

No data has been established regarding the toxicology of this product.

Section 12 – Ecological Information

No data has been established for this product.

Section 13 – Disposal Considerations

Waste Disposal Methods: Material should be disposed of in accordance with current local and national regulations. Contacting a waste disposal service is recommended.

Section 14 – Transport Information

Not classified as hazardous according to the Department of Transportation

Section 15 – Regulatory Information

Toxic Substances Control Act (TSCA): Listed
Superfund Amendments and Reauthorization Act (SARA): This product has the following hazards as defined in Section 311/312 of 40 CFR Part 372:

Hazards
None

This product contains the following chemicals subject to reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

Ingredients
None

This product is not listed as a carcinogen under California Proposition 65.

Section 16 – Additional Information

Prepared by: Jayme Palker

Preparation Date: September 25, 2007

Disclaimer:

The information and recommendations contained herein are based upon data believed to be correct. It does not constitute a warranty, expressed or implied, as to the accuracy of the information. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all information when using product for any particular use and to comply with all Federal, State, Provincial, and Local laws and regulations.



Material Safety Data Sheet

ColorMatrix Corporation

Section 1 – Identification of Substance and Company

Product Name: BLOWING AGENT

Product Code: 80-815-2

Chemical Name: Proprietary dispersion of pigment and carrier

Supplier: Colormatrix Corporation
680 N. Rocky River Dr.
Berea, OH 44017
(216) 622-0100

HMIS
Health: 1
Flammability: 1
Reactivity: 0
Protective Equipment: B

Emergency Phone Number: (216) 622-0100

Section 2 – Information on Ingredients

Proprietary mixture of pigment and hydrocarbon based vehicle.

Section 3 – Hazard Identification

This product is not considered hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200)

Appearance/Odor: Clear color with a mild hydrocarbon odor

Potential Health Effects

Skin Contact: May cause local irritation, redness or swelling

Eye Contact: May cause severe irritation to the eyes

Ingestion: No concerns are associated with ingestion

Inhalation: may cause irritation or nausea

Section 4 – First Aid Measures

Skin Contact: Wash thoroughly with mild soap and water. If rash develops, seek medical attention.

Eye Contact: Flush eyes for at least 15 minutes with plenty of water. Seek medical attention.

Ingestion: Drink plenty of water. If discomfort or symptoms persist, seek medical attention.

Inhalation: Remove to fresh air. Consult a physician.

Section 5 – Explosion and Fire-Fighting Measures

Flash Point: >450°F

Extinguishing Media: dry chemicals, alcohol-resistant foam, CO₂

Special Fire-Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

Section 6 – Accidental Release/Spill Procedures

Steps to be Taken in Case Material is Released or Spilled: Use absorbent material to contain the spill. Sweep up material and dispose in proper receptacle.

Section 7 – Handling and Storage

Store material at room temperature away from open flames or heat sources.

Section 8 – Personal Protection

OSHA Permissible Exposure Limit (PEL): N/A

Hand Protection: Wear chemical resistant gloves

Respiratory Protection: None is required in ordinary circumstances

Eye Protection: Safety Glasses

Engineering Measures: None

Other: None

Section 9 – Physical and Chemical Properties

Boiling Point: >500°F

Specific Gravity (lbs/gal): 9.5 – 10.5

Flash Point: >450°F

Solubility in Water: immiscible

Section 10 – Stability and Reactivity

Stability: stable