Fax: (954) 426-0296

GRAY RUBBER

The following is the MSDS for the pigments used in our GRAY EPDM.

The following are approximate percentages for each Pigment used.

TITANIUM DIOXIDE: Less Than 10% YELLOW: Less Than 0.50% BLACK: Less Than 0.10% GREEN: Less Than 0.05%

Fax: (954) 426-0296

Material Safety Data Sheet

1. Product and Manufacturer Identification

Product Name:	RutileTitanium Dioxide Powder
Chemical Family:	Titanium Dioxide (Ti02)
Chemical Name:	Pigment White
Formula:	Propriety
Office address:	4811 Lyons Tech Pkwy Suite 4 Coconut Creek, FL 33073 USA
Telephone	(954) 426-2360
Fax	(954) 426-0296
Email	Beadbrite@aol.com

2. Ingredients

<u>Component</u>	Cas #	Percent	ACGIH (STEL)	OSHA (STEL)
Pigment White 6	13463-67-7	84-97%	N/A	5(resp), 15 (total) mg/m3
Aluminum Hydroxides	21645-51-2	6% Max	N/A	N/A
Amophous Silica	7631-86-9	10%	N/A	N/A

3. Hazardous Identification

Emergency Overview:

Polymer bound dispersions generall preclude the possibiblity of airborne dust of the active ingredient. They also eliminate the problems generally associated with powdered chemicals.

4.Effects from Exposure

Ingestion: Polymer bound dispersions greatly reduce the problems generally associated with the powdered chemical.

Skin Contact:Polymer bound product greatly reduces the likelihood of skin irritation from the active ingredient.

Inhalation: Polymer bound dispersion preclude the possibility of airborne dust. Polymer bound dispersions greatly reduce the problems generally associated with powdered chemical.

Eye Contact: Polymer bound form minimizes exposure.

Medical conditions Aggravated: None known

Chronic Effects / Carcinogenicity: This product is not considered a carcinogen by IARC , NTP, or OSHA

Products / Ingredients: No information at this time

Principle Routes of Exposure: Polymer bound form minimizes risk of exposure by all routes of entry

5. First Aide Measures

Ingestion: Treat Symptomatically

Skin: Wash with soap and water

Inhalation: Treat Symptomatically

Eyes: Treat Symptomatically

6. Fire Fighting Measures

Flammable Limits in Air (%): Not applicable

Sensitivity to Mechanical Impact (Y/N): No

Sensitivity to Static Discharge: Sensitivity to static discharge is not expected

Extinguishing Media: Water, Foam, H20

Special Fire Fighting Procedures: Fire Fighter should wear self contained breathing apparatus

7. Accidental Release Measures

Actions to be taken if material is released or Spilled: Place contaminated material in appropriately marked containers for disposal. Collect and return clean material to container for use.

8. Handling and Storage

Precautions to be taken in Handling and Storage: Store in a cool and dry location

9. Exposure Controls / Personal Protection

Engineering Controls: Exhaust Ventilation

Respiratory Protection Equipment: Local exhaust is desirable

Protective Gloves: Recommended

Eye and Face Protection: safety Glass

Other Protective Equipment: None required



Fax: (954) 426-0296

10. Physical and Chemical Properties

Boiling Point: N/A Vapor Pressure: N/A Vapor Density (air=1): N/A Flash Point: N/A Melting Point/Freeze Point: 1830* Physical State: Powder Odor: None Color: White Odor Threshold (ppm): N/A % Volatile by Volume: N/A Evaporation Rate: N/A Specific Gravity (water=1): 4.10 Acid / Alkalinity (MEQ/G): Variable PH: 5.5-8.5 Solubility in Water (20*C): Insoluble Solubility in Organic Solvent (State Solvent): Not Determined

11. Stability and Reactivity

Stability: Stable Hazardous Polymerization: Will Not occur Hazardous Thermal Decomposition/Combustion Products: None Known Incompatibility (Materials to Avoid): None Known Conditions to Avoid: None Known

12. Toxicological Information

Acute Oral LD50 (MG/KG): Not Determined Acute Dermal LD (MG/KG): Not Determined Acute Inhalation LC50 (MG/L): Not Determined Other: None AMES Test: Not Determined

13. Ecological Information

Ecotoxicological Information: No data at this time

Chemical Fate Information: No data at this time

14. Disposal Considerations

Disposal Method: Bury in a licensed landfill or burn in an approved incinerator according to federal, state and local regulations

15. Transport Information



Tel: (954) 426-2360

Fax: (954) 426-0296

16. Regulatory Information

TSCA Status: All components of this product are listed on the TSCA Inventory

SARA Section 302: Not reportable

SARA (311,312) Hazard Class: None

SARA 313 Chemicals: Contains no SARA Title III, Section 313 notification chemical present at or above the deminimus concentration

New Jersey Right to Know: Aluminum Hydroxides: CAS # 21645-51-2 (not listed) Titanion Dioxide: CAS # 13463-67-7 (listed) Amorphous Silica: CAS# 7631-86-9 (listed)

CA Prop 65: To the best of our knowledge, this product contains no levels of listed substances, which in the state of California have been found to cause cancer, birth defects or other reproductive effects.

Pennsylvania Right to Know: Not Listed

HMIS Health: 0

Flammability: 1

Reactivity: 0

NFPA: Not Determined

Fax: (954) 426-0296

Material Safety Data Sheet

1. Product and Manufacturer Identification

Product Name:	YR400
Trade Name:	Yellow Rubber
Chemical Name:	Dispersion of Pigment Yellow 42 in EPR
Formula:	Propriety
Office address:	4811 Lyons Tech Pkwy Suite 4 Coconut Creek, FL 33073 USA
Telephone	(954) 426-2360
Fax	(954) 426-0296
Email	Beadbrite@aol.com

2. Ingredients

Component	CAS #	Percent	ACGIH TLV STEL TWA	OSHA PEL STEL UNITS
Pigment Yellow 42	51274-00-1	Unknown	N/A N/A	N/A
EPR Binder System	61789-00-2	Unknown	N/A N/A	N/A

TSCA Status: All components of this product are listed on the TSCA inventory

3. Hazardous Identification

Emergency Overview:

Polymer bound dispersions generall preclude the possibiblity of airborne dust of the active ingredient. They also eliminate the problems generally associated with powdered chemicals.

4.Effects from Exposure

Ingestion: Polymer bound dispersions greatly reduce the problems generally associated with the powdered chemical.

Skin Contact:Polymer bound product greatly reduces the likelihood of skin irritation from the active ingredient.

Inhalation: Polymer bound dispersion preclude the possibility of airborne dust. Polymer bound dispersions greatly reduce the problems generally associated with powdered chemical.

Eye Contact: Polymer bound form minimizes exposure.

Medical conditions Aggravated: None known

Chronic Effects / Carcinogenicity: This product is not considered a carcinogen by IARC , NTP, or OSHA

Products / Ingredients: No information at this time

Principle Routes of Exposure: Polymer bound form minimizes risk of exposure by all routes of entry

5. First Aide Measures

Ingestion: Treat Symptomatically

Skin: Wash with soap and water

Inhalation: Treat Symptomatically

Eyes: Treat Symptomatically

6. Fire Fighting Measures

Flammable Limits in Air (%): Not applicable

Sensitivity to Mechanical Impact (Y/N): No

Sensitivity to Static Discharge: Sensitivity to static discharge is not expected

Extinguishing Media: Water, Foam, H20

Special Fire Fighting Procedures: Fire Fighter should wear self contained breathing apparatus

7. Accidental Release Measures

Actions to be taken if material is released or Spilled: Place contaminated material in appropriately marked containers for disposal. Collect and return clean material to container for use.

8. Handling and Storage

Precautions to be taken in Handling and Storage: Store in a cool and dry location

9. Exposure Controls / Personal Protection

Engineering Controls: Exhaust Ventilation

Respiratory Protection Equipment: Local exhaust is desirable

Protective Gloves: Recommended

Eye and Face Protection: safety Glass

Other Protective Equipment: None required



Fax: (954) 426-0296

10. Physical and Chemical Properties

Boiling Point: N/A Vapor Pressure: N/A Vapor Density (air=1): N/A Flash Point: N/A Melting Point/Freeze Point: N/A Physical State: Rubber Sticks Odor: Little Color: Yellow Odor Threshold (ppm): N/A % Volatile by Volume: N/A Evaporation Rate: N/A Specific Gravity (water=1): 1.64 Acid / Alkalinity (MEQ/G): N/A PH: N/A Solubility in Water (20*C): Insoluble Solubility in Organic Solvent (State Solvent): Not Determined

11. Stability and Reactivity

Stability: Stable Hazardous Polymerization: Will Not occur Hazardous Thermal Decomposition/Combustion Products: None Known Incompatibility (Materials to Avoid): None Known Conditions to Avoid: None Known

12. Toxicological Information

Acute Oral LD50 (MG/KG): Not Determined Acute Dermal LD (MG/KG): Not Determined Acute Inhalation LC50 (MG/L): Not Determined Other: No irritation to eyes or skin AMES Test: Not Determined

13. Ecological Information

Ecotoxicological Information: No data at this time

Chemical Fate Information: No data at this time

14. Disposal Considerations

Disposal Method: Bury in a licensed landfill or burn in an approved incinerator according to federal, state and local regulations

15. Transport Information



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16. Regulatory Information

TSCA Status: All components of this product are listed on the TSCA Inventory

SARA Section 302: Not reportable

SARA (311,312) Hazard Class: None

SARA 313 Chemicals: Contains no SARA Title III, Section 313 notification chemical present at or above the deminimus concentration

New Jersey Right to Know: Pigment Yellow 42 CAS # 51274-00-1 – Not listed EPR CAS # 61789-00-2 - Not Listed

CA Prop 65: To the best of our knowledge, this product contains no levels of listed substances, which in the state of California have been found to cause cancer, birth defects or other reproductive effects.

Pennsylvania Right to Know: Not Listed

HMIS Health: 0 Flammability: 1

Reactivity: 0

NFPA: Not Determined

4811 Lyons Tech Pkwy

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Material Safety Data Sheet

1. Product and Manufacturer Identification

Product Name:	E-8846 Black Iron Oxide Powder
Chemical Family:	Iron Oxide
Chemical Name:	Pigment Black 11
Formula:	Propriety
Office address:	4811 Lyons Tech Pkwy Suite 4 Coconut Creek, FL 33073 USA
Telephone	(954) 426-2360
Fax	(954) 426-0296
Email	Beadbrite@aol.com

2. Ingredients

Component	Cas #	Percent	ACGIH (STEL)	OSHA (STEL)
Pigment Black	12227-89-3	100%	N/A	5(resp) 15(total) mg/m3

Components not listed are trade secrets in accordance with OSHA 29 CFR 1910.1200

3. Hazardous Identification

Emergency Overview:

Polymer bound dispersions generall preclude the possibiblity of airborne dust of the active ingredient. They also eliminate the problems generally associated with powdered chemicals.

4.Effects from Exposure

Ingestion: Polymer bound dispersions greatly reduce the problems generally associated with the powdered chemical.

Skin Contact:Polymer bound product greatly reduces the likelihood of skin irritation from the active ingredient.

Inhalation: Polymer bound dispersion preclude the possibility of airborne dust. Polymer bound dispersions greatly reduce the problems generally associated with powdered chemical.

Eye Contact: Polymer bound form minimizes exposure.

Medical conditions Aggravated: None known

Chronic Effects / Carcinogenicity: This product is not considered a carcinogen by IARC , NTP, or OSHA

Products / Ingredients: No information at this time

Principle Routes of Exposure: Polymer bound form minimizes risk of exposure by all routes of entry

5. First Aide Measures

Ingestion: Treat Symptomatically

Skin: Wash with soap and water

Inhalation: Treat Symptomatically

Eyes: Treat Symptomatically

6. Fire Fighting Measures

Flammable Limits in Air (%): Not applicable

Sensitivity to Mechanical Impact (Y/N): No

Sensitivity to Static Discharge: Sensitivity to static discharge is not expected

Extinguishing Media: Water, Foam, H20

Special Fire Fighting Procedures: Fire Fighter should wear self contained breathing apparatus

7. Accidental Release Measures

Actions to be taken if material is released or Spilled: Place contaminated material in appropriately marked containers for disposal. Collect and return clean material to container for use.

8. Handling and Storage

Precautions to be taken in Handling and Storage: Store in a cool and dry location

9. Exposure Controls / Personal Protection

Engineering Controls: Exhaust Ventilation

Respiratory Protection Equipment: Local exhaust is desirable

Protective Gloves: Recommended

Eye and Face Protection: safety Glass

Other Protective Equipment: None required



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10. Physical and Chemical Properties

Boiling Point: N/AVapor Pressure: N/AVapor Density (air=1): N/AFlash Point: N/AMelting Point/Freeze Point: N/APhysical State: PowderOdor: LittleColor: BlackOdor Threshold (ppm): N/A% Volatile by Volume: N/AEvaporation Rate: N/ASpecific Gravity (water=1): 4.6 calcAcid / Alkalinity (MEQ/G): N/APH: N/ASolubility in Water (20*C): InsolubleSolubility in Organic Solvent (State Solvent): Not DeterminedNot Determined

11. Stability and Reactivity

Stability: Stable Hazardous Polymerization: Will Not occur Hazardous Thermal Decomposition/Combustion Products: None Known Incompatibility (Materials to Avoid): None Known Conditions to Avoid: High Temperatures

12. Toxicological Information

Acute Dermal LD50 (MG/KG): Not Determined Acute Inhalation LC50 (MG/L): Not Determined Other: Eye and Skin Irritant AMES Test: Not Determined

13. Ecological Information

Ecotoxicological Information: No data at this time

Chemical Fate Information: No data at this time

14. Disposal Considerations

Disposal Method: Bury in a licensed landfill or burn in an approved incinerator according to federal, state and local regulations

15. Transport Information



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16. Regulatory Information

TSCA Status: All components of this product are listed on the TSCA Inventory

SARA Section 302: Not reportable

SARA (311,312) Hazard Class: Acute Health Hazard

SARA 313 Chemicals: Contains no SARA Title III, Section 313 notification chemical present at or above the deminimus concentration

New Jersey Right to Know: Pigment Black CAS# 12227-89-3 (not listed)

CA Prop 65: To the best of our knowledge, this product contains no levels of listed substances, which in the state of California have been found to cause cancer, birth defects or other reproductive effects.

Pennsylvania Right to Know: Not Listed

HMIS Health: 0 Flammability: 1 Reactivity: 0

NFPA: Not Determined

4811 Lyons Tech Pkwy

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Material Safety Data Sheet

1. Product and Manufacturer Identification

Product Name:	E-2616 Chrom Green Powder
Chemical Name: Chemical Family: Formula:	Chromium Oxide (III)- Pigment Green 17 Metal Oxide Propriety
Office address:	4811 Lyons Tech Pkwy Suite 4 Coconut Creek, FL 33073 USA
Telephone Fax	(954) 426-2360 (954) 426-0296
Email	Beadbrite@aol.com

2. Ingredients

			ACGIH	TLV	OSHA PEL
Component	CAS #	Percent	STEL	TWA	STEL UNITS
-					
Chromium (3-) Compound	1308-38-9	100%	0.5 mg/m3 as CR	N/A	0.5 mg/m3 as CR

TSCA Status: All components of this product are listed on the TSCA inventory

3. Hazardous Identification

Emergency Overview:

Polymer bound dispersions generall preclude the possibiblity of airborne dust of the active ingredient. They also eliminate the problems generally associated with powdered chemicals.

4.Effects from Exposure

Ingestion: Polymer bound dispersions greatly reduce the problems generally associated with the powdered chemical.

Skin Contact:Polymer bound product greatly reduces the likelihood of skin irritation from the active ingredient.

Inhalation: Polymer bound dispersion preclude the possibility of airborne dust. Polymer bound dispersions greatly reduce the problems generally associated with powdered chemical.

Eye Contact: Polymer bound form minimizes exposure.

Medical conditions Aggravated: None known

Chronic Effects / Carcinogenicity: This product is not considered a carcinogen by IARC , NTP, or OSHA

Products / Ingredients: No information at this time

Principle Routes of Exposure: Polymer bound form minimizes risk of exposure by all routes of entry

5. First Aide Measures

Ingestion: Treat Symptomatically

Skin: Wash with soap and water

Inhalation: Treat Symptomatically

Eyes: Treat Symptomatically

6. Fire Fighting Measures

Flammable Limits in Air (%): Not applicable

Sensitivity to Mechanical Impact (Y/N): No

Sensitivity to Static Discharge: Sensitivity to static discharge is not expected

Extinguishing Media: Water, Foam, H20

Special Fire Fighting Procedures: Fire Fighter should wear self contained breathing apparatus

7. Accidental Release Measures

Actions to be taken if material is released or Spilled: Place contaminated material in appropriately marked containers for disposal. Collect and return clean material to container for use.

8. Handling and Storage

Precautions to be taken in Handling and Storage: Store in a cool and dry location

9. Exposure Controls / Personal Protection

Engineering Controls: Exhaust Ventilation

Respiratory Protection Equipment: Local exhaust is desirable

Protective Gloves: Recommended

Eye and Face Protection: safety Glass

Other Protective Equipment: None required



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10. Physical and Chemical Properties

Boiling Point: N/AVapor Pressure: N/AVapor Density (air=1): N/AFlash Point: N/AMelting Point/Freeze Point: N/APhysical State: PowderOdor: LittleColor: GreenOdor Threshold (ppm): N/A% Volatile by Volume: N/AEvaporation Rate: N/ASpecific Gravity (water=1): 5.12Acid / Alkalinity (MEQ/G): Acid to neutralPH: 5.0-7.0Solubility in Water (20*C): InsolubleSolubility in Organic Solvent (State Solvent): Not DeterminedSolubility in Water (20*C): Insoluble

11. Stability and Reactivity

Stability: Stable Hazardous Polymerization: Will Not occur Hazardous Thermal Decomposition/Combustion Products: None Known Incompatibility (Materials to Avoid): None Known Conditions to Avoid: None Known

12. Toxicological Information

Acute Oral LD50 (MG/KG): Not Determined Acute Dermal LD (MG/KG): Not Determined Acute Inhalation LC50 (MG/L): Not Determined Other: No irritation to eyes or skin AMES Test: Not Determined

13. Ecological Information

Ecotoxicological Information: No data at this time

Chemical Fate Information: No data at this time

14. Disposal Considerations

Disposal Method: Bury in a licensed landfill or burn in an approved incinerator according to federal, state and local regulations

15. Transport Information



Tel: (954) 426-2360

Fax: (954) 426-0296

16. Regulatory Information

TSCA Status: All components of this product are listed on the TSCA Inventory

SARA Section 302: Not reportable

SARA (311,312) Hazard Class: None

SARA 313 Chemicals: Contains no SARA Title III, Section 313 notification chemical present at or above the deminimus concentration

New Jersey Right to Know: Chromium (3+) CAS# 1308-38-9

CA Prop 65: To the best of our knowledge, this product contains no levels of listed substances, which in the state of California have been found to cause cancer, birth defects or other reproductive effects.

Pennsylvania Right to Know: Not Listed

HMIS Health: 1 Flammability: 0 Reactivity: 0

NFPA: Not Determined