# Material Safety Data Sheet



NFPA	HMIS / WHMIS	5	PPE	Transport Symbol
	Health Hazard 0	)		Not regulated
	Fire Hazard 0	)		
	Reactivity 0	)		

Revision Date 26-Sep-2013		Revision Number 2		
1.	PRODUCT	AND	COMPANY	IDENTIFICATION

Product Name	Mint Condition Metallic		
Product Code(s)	14121A	14121A	
Product Type	Polyester TGIC		
Manufactured by:	The Eastwood Company 263 Shoemaker Road Pottstown,PA 19464		
Emergency Contact Number	800-345-1178 (610)-323-2200		
Telephone for Information	Chemtrec 1-800-424-9300		
	2. HAZARDS IDENTIFICATION		
	Emergency Overview May cause skin and eye irritation		
Appearance Powder	Physical State Solid/Powder	Odor Odorles	
OSHA Regulatory Status	This material is not considered hazardous by the OSHA Hazard (29 CFR 1910.1200)	Communication Standard	
Potential Health Effects			
Acute Toxicity			

Skin	No known effect based on information supplied
Inhalation	No known effect based on information supplied
Ingestion	No known effect based on information supplied
Chronic Effects No known effect	
Aggravated Medical Conditions	Preexisting eye disorders.
Environmental Hazard	See Section 12 for additional Ecological Information

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous Components

Components	CAS-No	Weight %
Barium sulfate	7727-43-7	1-10%
Titanium Dioxide	13463-67-7	1-10%
TGIC/1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(oxiranylmethyl)-	2451-62-9	1-10%
Chromium (III) oxide	1308-38-9	1-10%
Carbon black	1333-86-4	Less than 1.0%

4.	FIRST	AID	MEASURES
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Notes to Physician	Treat symptomatically
Ingestion	Never give anything by mouth to an unconscious person
Inhalation	Move to fresh air
Skin Contact	Wash skin with soap and water
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes

## 5. FIRE-FIGHTING MEASURES

Flammable Properties	Powdered material may form explosive dust-air mixtures
Suitable Extinguishing Media	Water spray, dry chemical, carbon dioxide $(CO_2)$ , or foam
Hazardous Combustion Products	Carbon oxides
Protective Equipment and Precautions for Firefighters	demand MSHA/NIOSH (approved or equivalent) and full

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

NFPA	Health Hazard 0	Flammability 1	Stability 0	Physical and Chemical
				Hazards N/A

### 6. ACCIDENTAL RELEASE MEASURES

	7. HANDLING AND STORAGE
Methods for Cleaning Up	Pick up and transfer to properly labeled containers
Methods for Containment	Prevent further leakage or spillage if safe to do so
Personal Precautions	Wear protective gloves/clothing and eye/face protection

### Handling

Handle in accordance with good industrial hygiene and safety practice

Storage

Store in a dry, air conditioned place below 80F

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Exposure Guidelines**

This product, as supplied, contains the following materials with occupational exposure limits established by the region specific regulatory bodies

Components	ACGIH TLV	OSHA PEL	NIOSH IDLH
Barium sulfate	TWA: 10 mg/m <sup>3</sup>	(vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>
Titanium Dioxide	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> (vacated) TWA: 10 mg/m <sup>3</sup>	IDLH: 5000 mg/m <sup>3</sup>
TGIC/1,3,5-Triazine-2,4,6(1H,3H,5 H)-trione, 1,3,5-tris(oxiranylmethyl)-	TWA: 0.05 mg/m <sup>3</sup>		
Chromium (III) oxide		TWA: 0.5 mg/m <sup>3</sup> (vacated) TWA: 0.5 mg/m <sup>3</sup>	IDLH: 25 mg/m <sup>3</sup> TWA: 0.5 mg/m <sup>3</sup>
Carbon black	TWA: 3.5 mg/m <sup>3</sup>	TWA: 3.5 mg/m <sup>3</sup> (vacated) TWA: 3.5 mg/m <sup>3</sup>	IDLH: 1750 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> TWA: 3.5 mg/m <sup>3</sup>

NIOSH IDLH: Immediately Dangerous to Life or Health

Showers Eyewash stations Ventilation systems

Personal Protective Equipment	
Eye/Face Protection	Eye protection
Skin and Body Protection	Wear protective gloves/clothing
Respiratory Protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved organic vapour espiratory protection should be worn

**Hygiene Measures** 

**Engineering Measures** 

Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Physical State Flash Point Boiling Point/Range Freezing point Powder Solid/Powder Not applicable Not applicable Not applicable Odor pH Autoignition Temperature Melting Point/Range Odorless Approximately neutral Not applicable Melting Point/Range 50-70 °C

Explosion Limits	30-70 g/m <sup>3</sup>	Flammability Limits in Air	No information available
Specific Gravity HAPS data	1.2-1.8 Not applicable	VOC Content	None
	10. STABILI	TY AND REACTIVI	ſY
Stability	Stable under recommended storage conditions		
Incompatible Products	compatible Products None known based on information supplied		
Conditions to Avoid	onditions to Avoid None known based on information supplied		
Hazardous Decompositior	Products May emit toxic fume	es under fire conditions - carbon mon	oxide, carbon dioxide, nitrogen

Hazardous Reactions

Hazardous polymerization does not occur

oxides, and hydrogen chloride

## 11. TOXICOLOGICAL INFORMATION

### **Acute Toxicity**

 
 Product Information
 Substances which cause concern for man owing to possible mutagenic effects but for which the available information is not adequate for making a satisfactory assessment.

Irritation Repeated or prolonged exposure may cause irritation of eyes and skin

LD50 Oral VALUE (mg/kg) LD50 Dermal VALUE 24740.54 1206004.28

Components	LD50 Oral	LD50 Dermal	LC50 Inhalation
Titanium Dioxide	10000 mg/kg (Rat)		
TGIC/1,3,5-Triazine-2,4,6(1H,3H,5H )-trione, 1,3,5-tris(oxiranylmethyl)-	188 mg/kg (Rat)		
Carbon black	15400 mg/kg (Rat)	3 g/kg (Rabbit)	

### **Chronic Toxicity**

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Components	ACGIH	IARC	NTP	OSHA
Titanium Dioxide		Group 2B		Х
Carbon black		Group 2B		Х

## IARC: (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

**Target Organ Effects** 

Eyes, Respiratory system.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated

Components	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Carbon black				EC50 > 5600 mg/L 24 h

### 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of contents/container in accordance with local regulation

## 14. TRANSPORT INFORMATION

DOT	Not regulated
TDG	Not regulated
MEX	Not regulated
ΙΑΤΑ	Not regulated
IMDG/IMO	Not regulated

## **15. REGULATORY INFORMATION**

### **International Inventories**

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Complies
ENCS	Does not Comply
IECSC	Complies
KECL	Does not Comply
PICCS	Does not Comply
AICS	Complies

### **U.S. Federal Regulations**

### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains the following chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Components	CAS-No	Weight %	SARA 313 - Threshold Values %
Chromium (III) oxide	1308-38-9	1-10%	1.0

### SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

#### **Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

### CERCLA

This material, as supplied, contains the following substance(s) regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

#### SARA Product RQ

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### **U.S. State Regulations**

### California Proposition 65

This product contains the following Proposition 65 chemicals

Components	CAS-No	California Prop. 65
Carbon black	1333-86-4	Carcinogen

### U.S. State Right-to-Know Regulations

Components	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Barium sulfate	Х	Х	Х		Х
Titanium Dioxide	Х	Х	Х		Х
TGIC/1,3,5-Triazine-2,4,6(1 H,3H,5H)-trione, 1,3,5-tris(oxiranylmethyl)-		Х			
Chromium (III) oxide	Х	Х	Х	Х	Х
Carbon black	X	Х	X	Х	Х

### International Regulations

Components	Carcinogen Status	Exposure Limits
Barium sulfate		Mexico: TWA= 0.5 mg/m <sup>3</sup>
Titanium Dioxide		Mexico: TWA= 10 mg/m <sup>3</sup> Mexico: STEL= 20 mg/m <sup>3</sup>
Chromium (III) oxide		Mexico: TWA= 0.5 mg/m <sup>3</sup>
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Carbon black	Mexico: TWA= 3.5 mg/m <sup>3</sup>
	Mexico: STEL= 7 mg/m <sup>3</sup>

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Not determined

## 16. OTHER INFORMATION

**Revision Date** 

26-Sep-2013

### Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS