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 |
|----|-------|-----|----------|
|----|-------|-----|----------|

| 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 ³ | (vacated) TWA: 5 mg/m ³ | TWA: 5 mg/m ³ |
| Titanium Dioxide | TWA: 10 mg/m ³ | TWA: 15 mg/m ³ (vacated) TWA: 10 mg/m ³ | IDLH: 5000 mg/m ³ |
| TGIC/1,3,5-Triazine-2,4,6(1H,3H,5 H)-trione, 1,3,5-tris(oxiranylmethyl)- | TWA: 0.05 mg/m ³ | | |
| Chromium (III) oxide | | TWA: 0.5 mg/m ³ (vacated) TWA: 0.5 mg/m ³ | IDLH: 25 mg/m ³ TWA: 0.5 mg/m ³ |
| Carbon black | TWA: 3.5 mg/m ³ | TWA: 3.5 mg/m ³ (vacated) TWA: 3.5 mg/m ³ | IDLH: 1750 mg/m ³ TWA: 0.1 mg/m ³ TWA: 3.5 mg/m ³ |

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 ³ | 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

0

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 ³ |
| Titanium Dioxide | | Mexico: TWA= 10 mg/m ³ Mexico: STEL= 20 mg/m ³ |
| Chromium (III) oxide | | Mexico: TWA= 0.5 mg/m ³ |
| | PAGE FOOTER | |

| Carbon black | Mexico: TWA= 3.5 mg/m ³ |
|--------------|------------------------------------|
| | Mexico: STEL= 7 mg/m ³ |

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