


Safety Data Sheet

Black Wrinkle

SECTION 1. IDENTIFICATION

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| Product Identifier | Black wrinkle |
| Other Means of Identification | <i>Not Applicable</i> |
| Recommended Use | Coating Powder |
| Restrictions on Use | <i>Not Applicable</i> |
| Initial Supplier Identifier | Emerald Coatings 5914 Wellington Rd., 123 Palmerston, ON, Canada, N0G 2P0 Telephone: 1 (855) 317-4867 |
| Emergency Telephone Number | Toll Free: 1-855-317-4867 (8am – 4pm EST) |

SECTION 2. HAZARD IDENTIFICATION

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| GHS Classification | CARCINOGENICITY – CATEGORY 2 SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE – CATEGORY 1 |
| Label Elements Pictograms |  |
| Signal Word | DANGER |
| Hazard Statements | H351 – Suspected of causing cancer. H372 – Causes damage to organs through prolonged or repeated exposure. |
| Precautionary Statements | |
| Prevention: | P202 – Do not handle until all safety precautions have been read and understood. P260 – Do not breathe dust/fumes/vapour. P264 – Wash skin thoroughly after handling. P270 – Do not eat, drink or smoke when using this product. |
| Response: | P308 + P313 – IF exposed or concerned Get medical advice/attention. P314 – Get medical attention is you feel unwell. |
| Storage: | P405 – Store locked up. |
| Disposal: | P501 – Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Other Hazards | May form combustible dust concentrations in air. |
| NOTES | <i>Not Applicable</i> |

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Concentration* | Common name / Synonyms |
|-----------------|------------|----------------|------------------------|
| Polyester Resin | 17464-88-9 | 5 – 13% | <i>Not Applicable</i> |
| Carbon Black | 1333-86-4 | 2.2% | <i>Not Applicable</i> |
| Barium Titanate | 12047-27-7 | 1% | <i>Not Applicable</i> |

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| Notes | *Actual concentration withheld to protect confidentiality. |
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SECTION 4. FIRST-AID MEASURES

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| Inhalation | Remove victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician. |
| Skin Contact | Remove contaminated clothing and shoes. Rinse with soap and water. Do not use solvents or thinners. If skin irritation persists, seek medical attention. |
| Eye Contact | Immediately flush contaminated eye(s) with lukewarm, gently running water for at least 15 minutes while holding the eyelid(s) open. Take care not to rinse contaminated water into a non-affected eye. Remove contact lenses if applicable and easy to do so. Continue rinsing. Seek medical advice. |
| Ingestion | Rinse mouth. Do NOT induce vomiting. Seek medical attention immediately. |
| Most Important Symptoms and Effects, Acute and Delayed | Acute: INHALATION: Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. SKIN CONTACT: Repeated or prolonged contact may cause skin irritation with discomfort and dermatitis. EYE CONTACT: Irritating to the eyes. May cause redness, conjunctivitis, and/or tearing. INGESTION: May result in gastrointestinal distress. Chronic: Long-term exposure may cause organ damage. Target organs unknown. |
| Immediate Medical Attention and Special Treatment | Treat symptomatically. |

SECTION 5. FIRE-FIGHTING MEASURES

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| Extinguishing Media | |
| Suitable Extinguishing Media | Use dry chemical powder or water spray (low pressure). |
| Unsuitable Extinguishing Media | Do not use water jet. |
| Hazardous Combustion Products | May produce oxides of carbon and heavy metals. |
| Specific Hazards Arising from the Product | Dusts may form explosive mixtures with air. Product itself will not burn. |
| Special Protective Equipment and Precautions for Fire-Fighters | Wear SCBA for firefighting if necessary. Use water to keep fire-exposed containers cool. Move containers away from fire is safe to do so. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

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| Personal Precautions, Protective Equipment, and Emergency Procedures | Evacuate unnecessary personnel from spill area. Wear appropriate personal protective equipment (See Section 8). Do not touch or walk through spilled product. Ventilate area. Stop or reduce leak if safe to do so. Remove all ignition sources. No flares, smoking, or flames in hazard area. Do not breathe dust. Wear respirator if ventilation is inadequate. Prevent product from entering any sewers or waterways. Inform relevant authorities of potential environmental contamination if required. |
| Methods for Containment and Cleaning Up | Implement spill control plan. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. |

SECTION 7. HANDLING AND STORAGE

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| Precautions for Safe Handling | Observe label precautions. Close container after each use. Do not transfer contents to unlabeled containers. Wash thoroughly after handling and before eating or smoking. Precautions should be taken to prevent the formation of dusts in concentrations above flammable, explosive or occupational exposure limits. Keep away from open flames, hot surfaces and sources of ignition. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. If material is a coating: do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves. Combustible dust clouds may be created where operations produce fine material (dust). Avoid formation of significant deposits of material as they may become airborne and form combustible dust clouds. Build up of fine material should be cleaned using gentle sweeping or vacuuming in accordance with best practices. Cleaning methods (e.g. compressed air) which can generate potentially combustible dust clouds should not be used. |
| Conditions for Safe Storage | Store in a segregated area in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready to use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

| Chemical Name | ACGIH® TLV® | | OSHA REL | |
|---------------|---|---------------------------|----------------------|-----------------------------|
| | Carbon Black | TWA – 3 mg/m ³ | <i>Not Available</i> | TWA – 3.5 mg/m ³ |
| Notes | *Exposure limits may vary from time to time and from one jurisdiction to another. Check with local regulatory agency for the exposure limits in your area. STEL = Short-term exposure limit; TWA = Time weighted average; TLV = Threshold limit value; REL = Recommended exposure limit | | | |

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| Appropriate Engineering Controls | Use general or local exhaust ventilation to maintain exposure below the exposure limits. Ensure proper ventilation if dust, mist, vapour is created during use. Use explosion-proof ventilation equipment. |
| Individual Protection Measures | |
| Eye/Face Protection | Eye protection is recommended. The wearing of contact lenses is not recommended. |
| Skin Protection | Wear chemical-resistant impervious gloves fabricated from butyl rubber. Avoid use of leather and wool. Protect skin by use of long-sleeved coveralls. |
| Respiratory Protection | Should any dust be generated, it should not be breathed. If a respirator is needed to meet applicable exposure limits, wear a properly fitted air-purifying respirator approved by NIOSH. Follow respirator manufacturer's directions for respirator use. Do not breathe dust. If respirator is required to meet applicable exposure limits, use a NIOSH approved TC-84A respirator in accordance with regulatory requirements and the respirator manufacturer's directions. |

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| Other | Have a safety shower and eye wash station readily available in the immediate work area. Use proper industrial hygiene practices. Remove contaminated clothing and do not allow contaminated clothing out of the workplace. |
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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | Black, solid. | Specific Gravity | 1.35 |
| Odour | <i>Not Available</i> | Solubility in Water | Moderate |
| Odour Threshold | <i>Not Available</i> | Solubility in Other Liquids | <i>Not Available</i> |
| pH | <i>Not Applicable</i> | Partition Coefficient, n-Octanol / Water | <i>Not Available</i> |
| Melting Point and Freezing Point | <i>Not Applicable</i> | Auto-ignition Temperature | 300°C |
| Initial Boiling Point and Boiling Range | <i>Not Applicable</i> | Decomposition Temperature | <i>Not Available</i> |
| Flash Point | None to 100°C | Viscosity | <i>Not Applicable</i> |
| Evaporation Rate | <i>Not Applicable</i> | Flammability (solid, gas) | <i>Not Available</i> |
| Vapour Density (air = 1) | <i>Not Available</i> | Upper and Lower Flammability or Explosive Limit | <i>Not Applicable</i> |
| Vapour Pressure | 0.1 hPa (principal solvent) | Sensitivity to Static/Impact | Not sensitive |

SECTION 10. STABILITY AND REACTIVITY

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| Reactivity | No data available. |
| Chemical Stability | Stable under normal storage conditions. |
| Possibility of Hazardous Reactions | Hazardous polymerization will not occur. |
| Conditions to Avoid | Avoid generation of dusts and high temperatures. |
| Incompatible Materials | Keep away from oxidizing agents, strong acids and bases. |
| Hazardous Decomposition Products | Upon thermal decomposition the product may liberate oxides of carbon and heavy metals. |

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion

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| Acute Toxicity | |
| LC50 (inhalation) | <i>Not Available</i> |
| LD50 (oral) | <i>Not Available</i> |
| LD50 (dermal) | <i>Not Available</i> |
| Notes | Not expected. No information available. |
| Skin Corrosion / Irritation | May be mildly irritating. |
| Serious Eye Damage / Irritation | May cause slight eye irritation (mechanical). |
| Inhalation | May be irritating to nose and throat. |

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| STOT (Specific Target Organ Toxicity) - Single Exposure | Not expected. |
| Aspiration Hazard | Not reported. |
| STOT (Specific Target Organ Toxicity) - Repeated Exposure | Respiratory system. |
| Respiratory and/or Skin Sensitization | Skin sensitizer. May cause allergic skin reaction. |
| Carcinogenicity | IARC reports carbon black has sufficient evidence for classification as human carcinogen in category 2 (suspected). |
| Reproductive Toxicity | |
| Development of Offspring | Not reported. |
| Sexual Function and Fertility | Not reported. |
| Effects on or via Lactation | Not reported. |
| Germ Cell Mutagenicity | Not expected to be a mutagen. |
| Interactive Effects | Not reported. |

SECTION 12. ECOLOGICAL INFORMATION

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| Ecotoxicity | Unknown ecotoxicity for mixture. | | |
| | Ingredient | Species | LC/EC₅₀ |
| | <i>Not Available</i> | <i>Not Available</i> | <i>Not Available</i> |
| | <i>Not Available</i> | <i>Not Available</i> | <i>Not Available</i> |
| Persistence and Degradability | <i>Not Available</i> | | |
| Bioaccumulative Potential | <i>Not Available</i> | | |
| Mobility in Soil | <i>Not Available</i> | | |
| Other Adverse Effects | <i>Not Available</i> | | |

SECTION 13. DISPOSAL CONSIDERATIONS

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| Disposal Methods | Canadian Environmental Protection Act: All ingredients are listed in the DSL. Dispose of in accordance with all federal, provincial/state, and local regulations. Consult with your local supplier for additional information. For disposal of unused or waste material, check with local, state and federal environmental agencies. |
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SECTION 14. TRANSPORT INFORMATION

| Regulation | UN No. | Proper Shipping Name | Technical Name (for N.O.S. entry) | Transport Hazard Class(es) | Packing Group |
|----------------------------------|--------|----------------------|-----------------------------------|----------------------------|---------------|
| Canadian TDG Regulations* | | | | | |
| 49 CFR/DOT* | | | | | |
| IATA Regulations* | | | | | |
| IMDG Code* | | | | | |
| *Not Regulated for Transport. | | | | | |

SECTION 15. REGULATORY INFORMATION

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| Safety, Health and Environmental Regulations | Canadian Environmental Protection Act (CEPA): All components of this product are on the Canadian DSL. United States Inventory (TSCA): All components are listed or exempt. |
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SECTION 16. OTHER INFORMATION

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| Date of Creation | March 1, 2019 |
| Date of Latest Revision | March 13, 2019 |
| Notes | Health Material Information System (HMIS): Health: 1 Flammability: 0 Reactivity: 0 Physical Hazards: E HMIS Ratings: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; * = Chronic Effects. |
| Disclaimer | This Safety Data Sheet (SDS) was prepared by iHazmat Regulatory Ltd., (www.iHazmat.com) using information and classifications provided by Emerald Coatings. All information in this SDS is offered for your consideration and guidance when working with this product and is accurate to the best of our knowledge. No guarantee can be made that the hazards described herein are the only hazards that exist. |

***SDS compliant with WHMIS 2015**