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MATERIAL SAFETY DATA SHEET

Revision Date: 16/04/2019

Transport/Fire Emergency: **000** (Emergency Services)
Medical Emergency: **131126** (Poisons information)

Powdered Rosin

| 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION | |
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| PRODUCT NAME: | Powdered Rosin |
| OTHER NAMES: | Pine Resin Colophony |
| APPLICATION OF SUBSTANCE: | Laboratory chemicals, industrial & for professional use only |
| MANUFACTURED BY: | Graphic Chemical & Ink Company P.O. Box 7027 728 North Yale Villa Park, IL 60181 |
| CONTACT NUMBERS: | 800-535-5053 |

| 2. HAZARDOUS INFORMATION | |
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| P280: Wear protective gloves/protective clothing/eye protection/face protection. H317: May cause an allergic skin reaction. | |
| P261: Avoid breathing dust/fume/gas/mist/vapours/spray. | |
| P280: Wear protective gloves/protective clothing/eye protection/face protection. | |
| P302+P352: IF ON SKIN: Wash with plenty of water. | |
| P333+P313: If skin irritation or rash occurs: Get medical advice/attention. | |
| P363: Wash contaminated clothing before reuse. | |
| MANUFACTURER'S CODE: | 11920,11925 |
| UN NUMBER: | N/A |
| DANGEROUS GOODS CLASS AND SUBSIDIARY RISK: | N/A |
| HAZCHEM CODE: | N/A |
| POISONS SCHEDULE NUMBER: | N/A |
| PACKAGING GROUP: | N/A |
| HAZARD CATEGORY: | N/A |
| CLASS: | N/A |

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| 3. COMPOSITION / INFORMATION ON INGREDIENTS | |
| Pine resin | |

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| 4. FIRST AID MEASURES | |
| GENERAL: | Threshold Limit Value: 10 mg/M3 Treat as an inert or nuisance dust. |
| INHALATION: | If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. |
| EYE CONTACT: | For eye irritation, flush eyes with clean water. Call Physician. |
| SKIN CONTACT: | Thoroughly wash with soap & water. |
| INGESTION: | Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. |

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| 5. FIRE FIGHTING MEASURES | |
| EXTINGUISHING MEDIA: | CO2, Dry Chemical, Water Fog |
| DO NOT USE: | Not given |
| DEGREE OF FIRE RISK: | When dispersed in air (dust) can be highly flammable and may flash if exposed to a source of ignition. (Open flame, sparks, etc.) |
| RECOMMENDATIONS: | Wear self-contained breathing apparatus for firefighting if necessary. |

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| 6. ACCIDENTAL RELEASE MEASURES | |
| Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust. | |
| Place spilled material in metal container with tight-fitting lid. Wash residue with water. | |

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| 7. HANDLING AND STORAGE | |
| HANDLING: | Minimise dust formation. Keep dust away from flames and sources of ignition. |
| STORAGE: | Store in cool, dry area away from oxidising agents. |

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| 8. EXPOSURE CONTROL AND PERSONAL PROTECTION | |
| ENGINEERING MEASURES: | Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. |
| <i>PERSONAL PROTECTION</i> | |
| RESPIRATORY PROTECTION: | For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle r (US) or type ABEKP2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). |
| HAND PROTECTION: | Wear impervious gloves. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. |

| 8. EXPOSURE CONTROL AND PERSONAL PROTECTION | |
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| EYE PROTECTION: | Face shield and safety glasses. |
| SKIN PROTECTION: | Wear clothing that provides adequate protection to skin. |

| 9. PHYSICAL AND CHEMICAL PROPERTIES | |
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| APPEARANCE: | Dark Tan Powder |
| FLASH POINT: | 188°C |
| BOILING POINT: | Not given |
| VAPOUR PRESSURE: | Not given |
| VAPOUR DENSITY: | Heavier than air |
| SPECIFIC GRAVITY: | Not given |
| SOLUBILITY IN WATER: | Not given |
| MELTING POINT: | Not given |

| 10. STABILITY AND REACTIVITY |
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| Stable. Minimize dust formation and remove all sources of ignition. (open flames, sparks, etc.) |

| 11. TOXICOLOGICAL INFORMATION |
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| This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. |

| 12. ECOLOGICAL INFORMATION |
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| Not given. |

| 13. DISPOSAL CONSIDERATIONS |
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| Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal. Dispose of contents and container in accordance with local regulations. Do not let product enter drains. |

| 14. TRANSPORT INFORMATION |
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| Not considered hazardous for transport. |

| 15. REGULATORY INFORMATION |
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| Not given. |

16. OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein.