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| IDENTITY <i>(As Used on Label and List)</i> <i>Polymer used in MiraCool Products</i> | Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. |
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Section I

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| Manufacturer's Name OccuNomix International LLC | Emergency Telephone Number 631-474-0071 |
| Address <i>(Number, Street, City, State, and ZIP Code)</i> 585-52 North Bicycle Path | Telephone Number for Information 631-474-0071 |
| Port Jefferson Station, NY 11776 | Date Updated 2009 |
| www.occunomix.com | Signature of Preparer <i>(optional)</i> |

Section II - Hazardous Ingredients/Identity Information

| Hazardous Components (Specific Chemical Identity; Common Name(s)) | OSHA PEL | ACGIH TLV | Other Limits Recommended | % <i>(optional)</i> |
|---|----------|-----------|--------------------------|---------------------|
| Polyacrylate/Polyalcohol Copolymer NE CAS No. 130672-62-7 | NE | NE | 0.05 mg/m3* | |
| Polyalcohol polymer CAS No. 9002-89-5 | NE | NE | | |
| Post Treated – Trade Secret NE CAS No. Trade Secret | NE | NE | | |

Section III - Physical/Chemical Characteristics

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| Boiling Point Solid | NE | Specific Gravity (H₂O = 1) Bulk Density | 0.4 – 0.7 |
| Vapor Pressure (mm Hg) Less Than | 10 | Melting Point Greater Than | 390°F |
| Vapor Density (AIR = 1) Nil | NE | Evaporation Rate <i>(Butyl Acetate = 1)</i> | 1 |
| Solubility in Water Insoluble | | | |
| Appearance and Odor White granular powder; no odor | | | |

Section IV - Fire and Explosion Hazard Data

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|---|-------------------------|------------------|------------------|
| Flash Point (Method Used) None | Flammable Limits | LEL NE | UEL NE |
| Extinguishing Media Water, CO ₂ and dry chemical extinguishants | | | |
| Special Fire Fighting Procedures None | | | |
| Unusual Fire and Explosion Hazards Extremely slippery conditions are created if spilled product comes in contact with water | | | |

Section V - Reactivity Data

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| Stability | Unstable | | Conditions to Avoid None known |
| | Stable | X | |
| Incompatibility <i>(Materials to Avoid)</i> None known | | | |

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| Hazardous Decomposition or Byproducts None known | | | |
| Hazardous Polymerization | May Occur | | Conditions to Avoid None known |
| | Will Not Occur | X | |

Section VI - Health Hazard Data

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|---|--------------------|------------------------|-----------------------|
| Route(s) of Entry: | Inhalation? Yes | Skin? No | Ingestion? No |
| Health Hazards (<i>Acute and Chronic</i>) Acute (short term) inhalation of dust may cause mild irritation of upper respiratory tract (nose and throat) and lungs. Chronic (long term) inhalation exposure to rats for a lifetime (two years) using sodium polyacrylate that had been micronized to a respirable particle size (less than 10 microns) produces non-specific inflammation and chronic lung injury at 0.2 mg/m ³ and 0.8 mg/m ³ . At 0.8 mg/m ³ , tumors were seen in some animals. In the absence of chronic inflammation, tumors are not expected. There were no adverse effects of any kind at 0.05 mg/m ³ . | | | |
| Carcinogenicity: | NTP? No | IARC Monographs? No | OSHA Regulated? No |
| Signs and Symptoms of Exposure Possible reddening, drying of skin or eyes with itching, burning or other discomfort; irritation of nose and throat. | | | |
| Medical Conditions Generally Aggravated by Exposure May aggravate existing respiratory conditions, skin conditions (due to drying effect). | | | |
| Emergency and First Aid Procedures Flush eyes thoroughly with water. If inhaled, move to source of fresh air. Call a physician regarding any continued discomfort. | | | |

Section VII - Precautions for Safe Handling and Use

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| Steps to Be Taken in Case Material is Released or Spilled Collect material. Avoid contact with water, as extremely slippery conditions will result. Residuals are to be flushed thoroughly with water to the drain for normal waste water treatment. |
| Waste Disposal Method Dispose accordance with Local, State and Federal regulations. Non-hazardous waste material suitable for approved solid waste landfill. |
| Precautions to Be taken in Handling and Storing Handle as an eye irritant. Do not get into eyes. Avoid prolonged or repeated skin contact. Do not inhale dust. Do not ingest. |
| Other Precautions Dusty conditions may irritate the eyes and respiratory system. Wear goggles and mask with high efficiency filter where dust is created. |

Section VIII - Control Measures

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| Respiratory Protection (<i>Specify Type</i>) Wear Respirator or mask with high efficiency filter for particulate levels above 0.05 mg/m ³ . | | | |
| Ventilation | Local Exhaust Ensure airborne particles are removed | Special Not required | |
| | Mechanical (<i>General</i>) Recommended | Other Not required | |
| Protective Gloves Recommended | Eye Protection Safety glasses or goggles | | |
| Other Protective Clothing or Equipment None | Work/Hygienic Practices Wash thoroughly after handling | | |