



SAFETY DATA SHEET

Creation Date: 11-24-21

Revision Date: 12-28-21

SDS-13, Revision Number: 2

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| 1 | Identification | <p>a) Product identifier used on the label: WF-705</p> <p>b) Other means of identification: Polystyrene beads</p> <p>c) Recommended use of the chemical and restrictions on use: Dust and water block filter (filters silicones from air)</p> <p>d) Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: Bascom-Turner Instruments, Inc., 111 Downey Street, Norwood, MA 02062.</p> <p>e) Emergency telephone number: 781-769-9660</p> |
| 2 | Hazard(s) identification | <p>a) Classification of the chemical in accordance with paragraph (d) of §1910.1200: Not a hazardous substance or mixture.</p> <p>b) Signal word, hazard statement(s), symbol(s) and precautionary statement(s): Not a hazardous substance or mixture.</p> <p>c) Hazards not otherwise classified that have been identified during the classification process: None.</p> |
| 3 | Composition/information on ingredients | <p>Except as provided for in paragraph (i) of §1910.1200 on trade secrets:</p> <p>For Substances</p> <p>a) Chemical name: Polystyrene</p> <p>b) Common name and synonyms: PS</p> <p>c) CAS number and other unique identifiers: 9003-53-6</p> |
| 4 | First aid measures | <p>a) Description of necessary measures, in case of:</p> <p>Inhalation: Remove person to fresh air. If not breathing, give artificial respiration.</p> <p>Skin contact: Wash off with plenty of soap and water</p> <p>Eye contact: Flush eyes with water as a precaution.</p> <p>Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.</p> <p>b) Most important symptoms/effects, acute and delayed: Not a hazardous substance.</p> <p>c) Indication of immediate medical attention and special treatment needed, if necessary: No data available.</p> |
| 5 | Fire-fighting measures | <p>a) Suitable (and unsuitable) extinguishing media: Use water spray, dry chemical or carbon dioxide (CO₂). No unsuitable extinguishing material.</p> <p>b) Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products): Produces carbon dioxide and carbon monoxide upon combustion, along with prodigious amounts of black soot and smoke.</p> <p>c) Special protective equipment and precautions for fire-fighters: Wear self-contained breathing apparatus.</p> |
| 6 | Accidental release measures | <p>a) Personal precautions, protective equipment, and emergency procedures: Avoid inhalation of dust. For personal protection see section 8.</p> <p>b) Methods and materials for containment and cleaning up: Sweep up and shovel. Keep in suitable closed containers for disposal.</p> |
| 7 | Handling and storage | <p>a) Precautions for safe handling: Processing of solid material may generate combustible dust. Use adequate ventilation where dusts may be formed.</p> <p>b) Conditions for safe storage, including any incompatibilities: keep in tightly closed container(s) in dry, well-ventilated areas.</p> |



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| 8 | Exposure controls/personal protection | <p>a) OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available: Contains no substances with occupational exposure limits.</p> <p>b) Appropriate engineering controls: General industrial hygiene practices.</p> <p>c) Individual protection measures, such as personal protective equipment:</p> <p>Eye/face protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses</p> <p>Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.</p> <p>Body Protection: Choose body protection in relation to concentration and amount of substance and to the specific workplace.</p> <p>Respiratory protection: required when dusts are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.</p> <p>Control of environmental exposure: Do not let product enter drains.</p> |
| 9 | Physical and chemical properties | <p>a) Appearance (physical state, color, etc.): White solid beads</p> <p>b) Odor: No data available.</p> <p>c) Odor threshold: No data available.</p> <p>d) pH: No data available.</p> <p>e) Melting point/freezing point: No data available.</p> <p>f) Initial boiling point and boiling range: Not applicable.</p> <p>g) Flash point: No data available.</p> <p>h) Evaporation rate: No data available.</p> <p>i) Flammability (solid, gas): No data available.</p> <p>j) Upper/lower flammability or explosive limits: No data available.</p> <p>k) Vapor pressure: Not applicable.</p> <p>l) Vapor density: Not applicable.</p> <p>m) Relative density: No data available.</p> <p>n) Solubility(ies): Swollen or dissolved by hydrocarbons, acetone and other aggressive organic solvents.</p> <p>o) Partition coefficient: n-octanol/water: Not applicable.</p> <p>p) Auto-ignition temperature: No data available.</p> <p>q) Decomposition temperature: No data available.</p> <p>r) Viscosity: Not applicable.</p> |
| 10 | Stability and reactivity | <p>a) Reactivity: No data available.</p> <p>b) Chemical stability: No data available.</p> <p>c) Possibility of hazardous reactions: No data available.</p> <p>d) Conditions to avoid (e.g., static discharge, shock, or vibration): No data available.</p> <p>e) Incompatible materials: No data available.</p> <p>f) Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Carbon oxides Other decomposition products - No data available In the event of fire: see section 5</p> |



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| 11 | Toxicological information | Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Acute toxicity: No data available Inhalation: No data available Dermal: No data available No data available Skin corrosion/irritation: No data available. Serious eye damage/eye irritation: No data available. Respiratory or skin sensitization: No data available. Germ cell mutagenicity: No data available. Carcinogenicity: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens. Reproductive toxicity: No data available Specific target organ toxicity – single exposure: No data available Specific target organ toxicity - repeated exposure: No data available Aspiration hazard: No data available Additional Information RTECS: Not available |
| 12 | Ecological information (Non-mandatory) | a) Ecotoxicity (aquatic and terrestrial, where available): No data available. b) Persistence and degradability: No data available. c) Bioaccumulative potential: No data available. d) Mobility in soil: No data available. e) Other adverse effects (such as hazardous to the ozone layer): No data available. |
| 13 | Disposal considerations (Non-mandatory) | Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging: Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging: Dispose of as unused product. |
| 14 | Transport information (Non-mandatory) | DOT (US) Not dangerous goods IMDG Not dangerous goods IATA Not dangerous goods |



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| 15 | Regulatory information (Non-mandatory) | <p>Safety, health and environmental regulations specific for the product in question.</p> <p>SARA 302 Components No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.</p> <p>SARA 313 Components This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.</p> <p>Massachusetts Right To Know Components No components are subject to the Massachusetts Right to Know Act.</p> <p>Pennsylvania Right To Know Components MALDI validation set polystyrene CAS-No. - Revision Date MALDI validation set polystyrene CAS-No. - Revision Date New Jersey Right To Know Components MALDI validation set polystyrene CAS-No. - Revision Date</p> |
| 16 | Other information, including date of preparation or last revision | Revised 12/28/2021 |