**Material Safety Data Sheet (MSDS) – Magnoball**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Manufacturer or supplier information** | | | | | |
| Product name: Magnoball | |  | | | |
| Supplier name**: Ecozone Ltd.** | | Address ： Ecozone Ltd.  Barley Mow Centre, 10 Barley Mow Passage  Chiswick, London  W4 4PH | | | |
| Emergent contact person: Ecozone Ltd. | | Emergency contact phone number：0345 230 4200 | | | |
| Reported date：2021-01-01 | | E-Mail： trade@ecozone.com | | | |
| **Material composition sheet** | | | | | |
| Material name | Risk | |  | CAS No. | Material contents |
| Ferrite Magnet | None | |  | N/A | 50% |
| Styrene - ethylene - butene - styrene block copolymer (1, 3 - butadiene polymer - hydride) | None | | 66070-58-4 |  | 25% |
| Styrene - butadiene - styrene block copolymer  (thermoplasticstyrene-butadienerubber) | None | | 9003-55-8 |  | 10% |
| Naphthene oil | None | | 67254-74-4 |  | 7.5% |
| Polypropylene | None | | 9003-07-0 |  | 5% |
| Calcium carbonate | None | | 471-34-1 |  | 2.5% |
| **Hazards identification information** | | | | | |
| Health hazard: None  Ingestion: send to hospital as soon as possible  Eyes: send to hospital as soon as possible  Skin: regular contact with no abnormity  Others: None  Environmental hazards: dealing with the waste for recycling. Otherwise burning or landfill treatment,  Safety hazards: operation process to avoid dust, all equipment to prevent ESD, avoid contacting with molten colloid.  Special hazards: None | | | | | |
| **First aid measures** | | | | | |

|  |  |
| --- | --- |
| Skin contact: regular contact with no abnormity, if there  is a plastic contact, we should clean with salt after the emergency medical treatment as soon as possible  Eye contact: rinse after medical treatment as soon as possible  Ingestion: send to hospital as soon as possible  For emergency protection: wear safety glasses and dust mask | |
| **Fire protection** | |
| Applicable fire extinguisher: water injection, powder fire extinguisher   |  | | --- | | ：None |   Fire precautions: beware of burning smoke from lack of oxygen to produce  Special fire suppression process  (SCBA),  Special protecting facility for personnels: prevent melt contact, make positive pressure air breathing apparatus (SCBA), firefighters wearing a full range of fire protection | |
| **Emergency treatment when the products are leaked** | |
| Notice for individual: avoid sprinkle leakage on the stair, or other location and staff slipped  Notice for environment: It should be recycled as soon as possible after the accidental release  Clearance method: After leakage it should be recycled as soon as possible, can be recycled after separation of impurities | |
| **Operation treatment and storage** | |
| Operation notice: avoid inhaling fumes, when processing, it may be caused vomiting  Storage precautions: placed in ventilated place, avoid overvoltage and broken：  Storage period: about 48 months | |
| **Contact control/Personal protection** | |
| Maximum allowable concentration: 5 mg/cubic  Engineering control: None  Personal protective facility  Respiratory protection: protective masks  Eye protection: safety glasses  Body protection: long sleeve clothes  Hand protection: latex gloves  Other protection: None | |
| **Physical and chemical properties** | |
| Material status：■Solid  Liguid Gas | Shape: Granulations (3mm) |
| Colour: Transparent and natural | Smell ：None |
| PH: N/A | Melting/freezing point: > 145 Boiling point: None |
| Autoignition temperature**:** 430 | Test method：ASTM-D1929-77 |

|  |  |
| --- | --- |
| Explosion limits: None | Density: 1.10~1.23 |
| Water concentration (or solubility): insoluble in water | Vapor pressure: minimal：>1 Steam density: > 1 |
| Other Physical and chemical properties: None | |
| **Stability and reactivity** | |
| Stability: there is no standard  Avoid contacting with the material: acid and acetone：>250℃  Avoid contacting with the condition: > 250 ℃ environment | |
| **Ecology data** | |
| |  | | --- | | can't be decomposed through biochemical decomposition |   Possible environment effect or spread: It | |
| **Waste disposal** | |
| Waste properties: □ Dangerous or toxic waste ■ Industrial solid waste  Notice: waste in accordance with the regulations | |
| **Transport information (including packaging)** | |
| Danger/toxic goods number: None  Packing mark: None  Packaging categories ：None:  Method of packing: 25 kg/paper-plastic composite packaging  International transport rule: None  Domestic transport rule ：None  Transport notice: Avoid using hook damage caused by the fall | |
| **Laws and regulations data** | |
| Applicable laws and regulations and standard information: labour safety waste disposal method and the relevant laws and regulations | |
| **Other information** | |
| Reference documents: None | |