# Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

**U.S. Department of Labor**
Occupational Safety and Health Administration
(Non-mandatory Form)
Form Approved
OMB No. 1218-0072

| IDENTITY *(As used on label and list)* | 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. |
|---|---|
| Polyethylene High Density | |

## Section I

| Manufacturer's Name | Emergency Telephone Number |
|---|---|
| KING PLASTIC CORPORATION | 941-493-5502 |
| Address *(Number, Street, City, State and ZIP Code)* | Telephone Number for Information |
| 1100 N. Toledo Blade Blvd. | 941-493-5502 |
| North Port, FL 34288-8694 | Date Prepared<br>12-27-10 |
| | Signature of Preparer *(optional)* |

## Section II – Hazardous Ingredients/Identity Information

| Hazardous Components *(Specific chemical identity; common name(s))* | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional) |
|---|---|---|---|---|
| None, other than nuisance dust | 15 mg/$m^3$ | 10mg/$m^3$ (total dust) | None | None |
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## Section III – Physical/Chemical Characteristics

| Boiling Point | Non-volatile | Specific Gravity ($H_2O$ = 1) | .941-.965 |
|---|---|---|---|
| Vapor Pressure (mm Hg.) | Non-volatile | Melting Point<br>126° to 135°C | Non-volatile |
| Vapor Density (AIR = 1) | Non-volatile | Evaporation Rate (Butyl Acetate = 1) | Non-volatile |
| Solubility in Water<br>Insoluble. | | | |
| Appearance and Odor<br>Solid plastic material, odorless. | | | |

## Section IV – Fire and Explosion Hazard Data

| Flash Point *(Method Used)* | Flammable Limits | LEL | UEL |
|---|---|---|---|
| ASTM D1929, 645°F | Non-volatile | | |
| Extinguishing Media<br>Carbon dioxide, water spray, foam or dry chemical. | | | |
| Special Fire Fighting Procedures | | | |
| None. | | | |
| Unusual Fire and Explosion Hazards | | | |
| Refer to National Fire Protection Association Bulletin 654, "Dust Explosion Prevention, Plastic Industry 1975", for safe handling procedures. | | | |

(Reproduce locally) OSHA 174. Sept. 2010

## Section V – Reactivity Data

| | | | |
|---|---|---|---|
| Stability | Unstable | | Conditions to Avoid |
| | Stable | X | |
| Incompatibility *(Materials to Avoid)*<br>Attacked by oxidizing agents such as nitric or perchloric acid and free halogens. Also softened by hydrocarbons such as benzene, gasoline, lubricating oils, petroleum ether and by chlorinated hydrocarbons. | | | |
| Hazardous Decomposition or Byproducts<br>Burning yields CO and $CO^2$. | | | |
| Hazardous Polymerization | May Occur | | Conditions to Avoid |
| | Will Not Occur | X | |

## Section VI – Health Hazard Data

| | | | |
|---|---|---|---|
| Route(s) of Entry: | Inhalation?<br>N/A | Skin?<br>N/A | Ingestion?<br>N/A |
| Health Hazards *(Acute and Chronic)* | | | |
| No acute hazard. | | | |
| | | | |
| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated? |
| | N/A | N/A | N/A |
| Signs and Symptoms of Exposure | | | |
| N/A | | | |
| Medical Conditions Generally Aggravated by Exposure | | | |
| N/A | | | |
| Emergency and First Aid Procedures | | | |
| No acute hazard. | | | |

## Section VII – Precautions for Safe Handling and Use

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| Steps to be Taken in Case Material is Released or Spilled |
| Sweep up and collect as essentially harmless organic wastes. |
| Waste Disposal Method |
| Dispose of in accordance with local, state and federal regulations. Recycle to process. |
| Precautions to be Taken in Handling and Storing |
| No specific requirements. |
| Other Precautions |
| Self-contained breathing apparatus for firefighting personnel is recommended. |

## Section VIII – Control Measures

| | | | | |
|---|---|---|---|---|
| Respiratory Protection *(Specific Type)*<br>Not generally required. | | | | |
| Ventilation | Local Exhaust | N/A | Special | N/A |
| | Mechanical *(General)* | N/A | Other | Normal working environment. |
| Protective Gloves<br>Not generally required. | | | Eye Protection<br>Safety glasses recommended. | |
| Other Protective Clothing or Equipment<br>Not generally required. | | | | |
| Work/Hygienic Practices<br>Handle in accordance with good industrial hygiene and safety practices. | | | | |

USGPO 2010-491-529/45775