Section I - Identification of Product

Product Name or Number (As used on Label and List)  Date Prepared
93-9091 Slate   LLDPE Carrier   4-Oct-07

Manufacturer’s Name  Telephone Number for Information
Uniform Color Company  1 - 800 - 44 - COLOR

Address (Number, Street, City, State, ZIP Code)
942 BROOKS AVENUE,  1 - 616 - 394 - 3800
HOLLAND, MICHIGAN  49423

Manufacturer’s D-U-N-S No.  03862/801

Hazardous Materials Description, Proper Shipping Name, Hazard Class, Hazard ID No. (49 CFR 172.101)

WHMIS  R.R.O  1990, Regulation 860
Not a controlled product - (Manufactured Article)

Additional Hazard Classes (as applicable)
NA

Chemical Family  Formula
NA  NA

Section II - Hazardous Ingredients/Identity Information

Hazardous components (Chemical Name(s)) and % by weight

Color concentrated resin formulation may contain commercially available dyes and pigments based on titanium dioxide, carbon black, phthalocyanines, salts, and other organic and inorganic compounds. In pelletized form these colorants and the above identified additives are encapsulated in the polymer resin matrix and are not expected to create any unusual hazards when processed according to good manufacturing and industrial hygiene practices.

FORMULA: PROPRIETARY... UPON WRITTEN REQUEST BY RESPONSIBLE MEDICAL OR INDUSTRIAL HYGIENE PERSONNEL. A MORE DETAILED DISCLOSURE MAY BE PROVIDED.

Section III - Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>NA</td>
</tr>
<tr>
<td>Specific Gravity (Water = 1)</td>
<td>.92 - .097</td>
</tr>
<tr>
<td>Vapor Pressure @</td>
<td>degrees F _ _ degrees C _ _ Psi _ _ mmHg</td>
</tr>
<tr>
<td>Melting Point (Softens) carrier resin range</td>
<td>225 - 229 degrees F</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>NA</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>NA</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>INSOLUBLE</td>
</tr>
<tr>
<td>Percent Volatile by Volume (%)</td>
<td>carrier resin 0.1</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Color:</td>
</tr>
<tr>
<td>Percent Solid by Weight 100 %</td>
<td></td>
</tr>
</tbody>
</table>
Uniform Color Company
Material Safety Data Sheet

Solid, colored granular pellets, cubes or spheres; odor faint

PH NA

Material
____ Paste     ____ Gas     ____ Powder
____ Liquid     __X__ Solid Pellets

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) NA
649 degrees F

Flammable Limits
NA ______ LEL ______ UEL

Extinguishing Media
Water spray

Special Fire Fighting Procedures
Wear full protective clothing including self-contained breathing apparatus.

Unusual Fire and Explosion Hazards
Bulk storing of polyethylene pellets may result in the accumulation of ethylene gas with possible explosion potential. Dense smoke emitted when burned without sufficient oxygen. An electrostatic charge can potentially build when pouring pellets.

Auto Ignition Temperature
649 degrees F

Section V - Health Hazard Data

Routes of Entry
Inhalation Yes Skin Yes Ingestion Yes

Health Hazards (Acute and Chronic)

Solids or dust may cause irritation or corneal injury to the eye due to mechanical action. Mechanical injury to skin only. Fumes from the hot material can be unpleasant and may produce nausea and irritation of the upper respiratory tract.

Carcinogenicity
NTP IARC Monographs OSHA Regulated

NA

Signs and Symptoms of Exposure
Signs of thermal burns may include pain, tears, swelling, redness, blurred vision and discoloration

Medical Conditions
Generally aggravated by Exposure
NA

Emergency and First Aid Procedures
Eye: Solid or dust may cause irritation or corneal injury due to mechanical action. Flush eyes with plenty of water
Mechanical effects only

Skin Contact: Essentially nonirritating to skin. Mechanical injury only. Wash off in flowing water or shower.
Skin Absorption: Skin absorption is unlikely due to physical properties. If burned by molten material, cool as quickly as possible. Do not peel material from skin, or use a solvent to remove. Seek medical assistance.
Ingestion: No hazards anticipated from swallowing small amounts incidental to normal handling operations. No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

Inhalation: Dust may cause irritation to upper respiratory tract. Remove to fresh air if effects occur. Consult a physician.

Systemic (other target organ) effects: Additives are encapsulated in the product and are not expected to be released under normal processing conditions or foreseeable emergency.

**Section VI - Reactivity Data**

<table>
<thead>
<tr>
<th>Stability</th>
<th></th>
<th>Incompatibility (Materials to Avoid)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td>x</td>
<td>Fluorine, Strong oxidizing agents</td>
</tr>
<tr>
<td>Unstable</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Conditions to Avoid**

Temperatures over 650 degrees F may cause resin degradation.

**Hazardous Decomposition of Byproducts**

Flammable hydrocarbons, carbon monoxide

**Section VII - Spill or Leak Procedures**

**Steps to Be Taken in Case Material is Released or Spilled**

To prevent falls sweep up or shovel spilled material and place into a sealable container.

**Waste Disposal Method**

Must be in accordance with Federal, State and local regulations. Persuant to 40 CFR part 261 of RCRA.

In the environment, lost pellets are not a problem unless they enter a marine environment. Do not put plastics in water.

SARA 313

NA

**RCRA Hazardous Waste No. (40 CFR 261.33)**

NA

**Volatile Organic Compound (VOC) (as packaged, minus water)**

NA

**Precautions to Be Taken in Handling and Storing**

Maintain good housekeeping. Dust layers should not be permitted to accumulate in order to avoid any potential for dust explosion hazards. In accordance with good manufacturing practices, good general ventilation of the polymer processing area is recommended. At temperatures exceeding melt temperature polymer decomposition can occur. Decomposition may result in toxic and irritating vapors.
## Section VIII - Special Protection Information

### Respiratory Protection (Specify Type)
Use a NIOSH approved dust respirator when exposure limits may be exceeded.

<table>
<thead>
<tr>
<th>Ventilation</th>
<th>Local Exhaust</th>
<th>NA</th>
<th>Special</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control airborne concentrations below the exposure</td>
<td>Mechanical (General)</td>
<td>NA</td>
<td>Other</td>
<td>NA</td>
</tr>
</tbody>
</table>

guideline. Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

### Protective Gloves
<table>
<thead>
<tr>
<th>NA</th>
</tr>
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</table>

### Eye Protection
<table>
<thead>
<tr>
<th>Sideshield safety glasses</th>
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</thead>
</table>

### Other Protective Clothing or Equipment
<table>
<thead>
<tr>
<th>NA</th>
</tr>
</thead>
</table>

### Work/Hygienic Practices
| Wash hands and face before eating, Launder clothing before reuse. |

## Section IX - Special Precautions

### Precautions to Be Taken in Handling and Storage
Keep in dry, well-ventilated area, avoid breathing dusts if generated. Do not store in areas where there is a risk of fire.

### Other Precautions
Avoid excessive dust generation and use appropriate dust control measures when necessary.

### Disclaimer
This information has been compiled from current sources which are believed to be accurate and reliable. Since it is not possible to anticipate all conditions under which this information and the subject products will be used, it should not be assumed that all acceptable safety measures are defined, or that other additional procedures may not be required under individual circumstances. All information is given in good faith, but no warranty, expressed or implied is made.

### Name

### Signature

### Title

### Date