# Material Safety Data Sheet

**January 5, 2011**

**Product Identification:** NISSEN JUMBO FELTIP PAINT MARKER – WHITE
NISSEN NYLON TIP FELTIP PAINT MARKER FINE LINE – WHITE MARKER

**HMIS Ratings**
- Health: 1
- Flammability: 3
- Reactivity: 1

**NFPA Ratings**
- Health: 1
- Flammability: 3
- Reactivity: 0

## Hazardous ingredients
The paint is contained in a valve action reservoir and will not leak under normal conditions.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS#</th>
<th>%</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Methoxy-2-Propanol Acetate</td>
<td>108-65-6</td>
<td>1-10</td>
<td>No Data</td>
</tr>
<tr>
<td>Xylool (Xylene)</td>
<td>1330-20-7</td>
<td>40-50</td>
<td>100 ppm/8 hrs pel</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>30-40</td>
<td>5 mg/cu.m Respirable dust</td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td>100-41-4</td>
<td>1-10</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

## Physical Data
- **Boiling point:** 282 F
- **Vapor density:** Heavier than air
- **Volatile %:** 66.7% by volume
- **Specific gravity:** Less than 1
- **Evaporation rate:** Slower than Ethyl Ether
- **Vapor Pressure:** 6.2 mm hg @ 20 deg. C
- **Appearance:** Black viscous liquid with an aromatic odor
- **Volatile Organic Compounds:** Data not required because product only produced in quantities of less than 1 liter

## Fire and Explosion Data
- **Flammability Class:** IC
- **Flashpoint:** 76 deg. F
- **LEL:** 1%
- **UEL:** 13.1%

## Health Hazard Data
- **Listed as possible carcinogen:** NTP – No IARC – OSHA – No
- **Symptoms of over exposure:** Headache, Dizziness, Nausea, Coughing, Eye, Throat and Skin Irritation.
- **Effects of overexposure:** Slight to severe irritation to eyes and mucous membranes. Dermatitis. Affects central nervous system.
- **Emergency first aid:** Inhalation; seek fresh air. Give artificial respiration if not breathing.
- **Skin contact:** Wash with soap and water.
- **Ingestion:** Call Physician. Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs.

## Reactivity Data
- **Stability:** Stable
- **hazardous polymerization:** Will not occur.
- **Conditions to avoid:** Heat, open flames and sparks.
- **Incompatibility:** Do not expose to strong oxidizers.
- **Hazardous decomposition products:** Carbon monoxide, carbon dioxide.

## Environmental Protection Procedures
Remove all sources of ignition, ventilate area, and use absorbent material to clean spills. Disposal method: Dispose of waste in accordance with all local, state and federal regulations.

## Control Measures
- **Respiratory protection:** None required under normal use.
- **Ventilation:** Normal-working conditions.
- **Protective Equipment:** Safety glasses and gloves. No special clothing required under normal conditions of use.

## Transportation
- **Shipping Class:** ORM-D
- **UN Number:** 1263
- **Package Group:** III

## Toxic Substances Control Act TSCA States
All components of this product are listed in the EPA’s Inventory of Chemical Substances as required under the Toxic Substances Control Act (TSCA)

For more information visit: [http://www.nissenmarkers.com/](http://www.nissenmarkers.com/)