Material Safety Data Sheet

Product Identification NISSEN METAL MARKER: BLACK MARKER

January 5, 2011

HMIS Ratings-
Health 1 Flammability 2 Reactivity 1

HMIS Ratings-
Health 1 Flammability 2 Reactivity 0

Hazardous ingredients – The information on this MSDS sheet refers to paint used in markers, however it applies to these paints in bulk. 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>Mineral spirits</td>
<td>64742-88-7</td>
<td>0-1</td>
<td>100ppm/8-hrs pel</td>
</tr>
<tr>
<td>Urethane resin</td>
<td>proprietary</td>
<td>66-70</td>
<td>See note</td>
</tr>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>0-6</td>
<td>3.5 Mg./M3*</td>
</tr>
<tr>
<td>Organoclay</td>
<td>68911-87-5</td>
<td>1-2</td>
<td>0.1 Mg/CuM*</td>
</tr>
</tbody>
</table>

Note: Urethane Resin manufactured by Reichold Chemicals
P.O. Box 13582 Research Triangle Park, NC 27709
EMERGENCIES: 800-424-9300
* Value applies to free dust, not as bound in a paint matrix.

Physical Data

Boiling point: 318-385 F  Vapor density: Heavier than air.
Volatilie %: 37% by volume  Specific gravity: Less than 1.
Evaporation rate: Slower than n-butyl acetate
Appearance: Black viscous liquid with an aromatic odor.
Volatilie Organic Compound data not required because product only produced in quantities of less than 1 liter.

Fire and Explosion Data

Flammability Class: 2  Flashpoint: 111 deg.F  LEL:1%  UEL: 7%
Extinguishing Media: Foam, Carbon dioxide, or any Class B extinguishing agent. Water may be unsuitable as an extinguishing medium, but helpful in keeping adjacent containers cool.

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.

Reactivity Data

Stability: Stable  Hazardous polymerization: Will not occur.
Conditions to avoid: Heat, open flames and sparks.
Incompatibility: Do not expose to strong oxidizers.

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 or goggles 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/