Material Safety Data Sheet  
Product Identification  NISSEN FELTIP PAINT MARKER – WHITE

J.P. Nissen Co.  Phone: 215-886-2025  
2544 Fairhill Avenue  Fax: 215-886-0707  
P.O. Box 339  Emergency: 215-836-2730  
Glenside, PA 19038  

HMIS Ratings- Health 2 Flammability 3 Reactivity 0  
NFPA Ratings- Health 2 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>Mineral Spirits</td>
<td>64742-88-7</td>
<td>30-35</td>
<td>100 ppm/8 hrs pel</td>
</tr>
<tr>
<td>VM&amp; P Naptha</td>
<td>64742-89-8</td>
<td>15-20</td>
<td>300 ppm/8 hrs pel</td>
</tr>
<tr>
<td>Xylo1 (Xylene)</td>
<td>1330-20-7</td>
<td>1-5</td>
<td>0 ppm/8 hrs pel</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
<td>33</td>
<td>5 mg/cu.m Respirable dust</td>
</tr>
</tbody>
</table>

High Boiling point  

Aliphatic Hydrocarbon 64742-47-8 1-5 100 ppm/8 hrs pel

Physical Data  

Boiling point: 246-404 F  
Vapor density: Heavier than air.  
Volatiles %: 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: White viscous liquid with an aromatic odor.

Fire and Explosion Data  

Flammability Class: IIC  
Flashpoint: 75 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 overexposure: 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)  
California Proposition 65 (Chemicals known to cause cancer)
Material Safety Data Sheet  
Product Identification NISSEN FELTIP PAINT MARKER – RED

January 2005

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HMS 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>
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</thead>
<tbody>
<tr>
<td>Mineral Spirits</td>
<td>64742-88-7</td>
<td>30-35</td>
<td>100 ppm/8 hrs pel</td>
</tr>
<tr>
<td>VM &amp; P Naphtha</td>
<td>64742-89-8</td>
<td>0-24</td>
<td>300 ppm/8 hrs pel</td>
</tr>
<tr>
<td>Xylool (Xylene)</td>
<td>1330-20-7</td>
<td>1-5</td>
<td>0 ppm/8 hrs pel</td>
</tr>
</tbody>
</table>

**High Boiling Point**

Aliphatic Hydrocarbon         64742-47-8  1-5  100 ppm/8 hrs pel
Dianisidine Orange Pigment    6505-28-8  0-5  5 Mg/Cu.m.
Monoazo Pigment               7023-61-2  0-5  5 Mg/Cu.m.

**Physical Data**

Boiling point: 246-404 F  Vapor density: Heavier than air.
Volatilie %: 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: Red viscous liquid with an aromatic odor.

**Fire and Explosion Data**

Flammability Class: I C  Flashpoint: 75 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 overexposure: 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)
California Proposition 65 (Chemicals known to cause cancer)
Material Safety Data Sheet
Product Identification NISSEN FELTIP PAINT MARKER -YELLOW

J.P. Nissen Co. Phone: 215-886-2025
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P.O. Box 339 Emergency: 215-836-2730
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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.

Ingredients | CAS# | % | Exposure Limits
Mineral Spirits | 64742-88-7 | 30-35 | 100 ppm/8 hrs pel
VМ& P Naphtha | 64742-89-8 | 15-20 | 300 ppm/8 hrs pel
Xylo (Xylene) | 1330-20-7 | 1-5 | 00 ppm/8 hrs pel
Titanium Dioxide | 13463-67-7 | 15-20 | 5 mg/cu.m Respirable dust

High Boiling point
Aliphatic Hydrocarbon | 64742-47-8 | 1-5 | 100 ppm/8hrs pel
Diarylide Yellow Pigment | 5468-75-7 | 0-5 | 5 mg/cu.m Respirable dust

Physical Data
Boiling point: 246-404 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: Yellow viscous liquid with an aromatic odor.

Fire and Explosion Data
Flammability Class: IIC Flashpoint: 75 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. 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
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