

# Material Safety Data Sheet

January 4, 2010

## Product Identification NISSEN FELTIP PAINT MARKER – ORANGE

J.P. Nissen Co.  
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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.

<b>Ingredients</b>	<b>CAS#</b>	<b>%</b>	<b>Exposure Limits</b>
<b>Mineral Spirits</b>	<b>64742-88-7</b>	<b>40-45</b>	<b>100 ppm/8 hrs pel</b>
<b>VM&amp; P Naptha</b>	<b>64742-89-8</b>	<b>15-20</b>	<b>300 ppm/8 hrs pel</b>
<b>Xylol (Xylene)</b>	<b>1330-20-7</b>	<b>1-5</b>	<b>100 ppm/8 hrs pel</b>
<b>Titanium Dioxide</b>	<b>13463-67-7</b>	<b>1-5</b>	<b>5 mg/cu.m Respirable Dust</b>
<b>Aliphatic Hydrocarbon</b>	<b>64742-47-8</b>	<b>1-5</b>	<b>100 ppm/8hrs pel</b>
<b>Dianisidine Orange Pigment</b>	<b>6505-28-8</b>	<b>5-10</b>	<b>10 mg/cu.m. Respirable Dust</b>

### **Physical Data**

**Boiling point:** 246-404 F      **Vapor density:** Heavier than air.

**Volatile %:** 72.3 % by volume      **Specific gravity:** Less than 1.

**Evaporation rate:** Slower than Ethyl Ether      **Vapor Pressure:** 6.0 mm hg @ 20 deg. C

**Appearance:** Orange viscous liquid with an aromatic odor.

**Volatile Organic Compound** data not required because product only produced in quantities of less than 1 liter

### **Fire and Explosion Data**

**Flammability Class:** IC      **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

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)