

Material Safety Data Sheet

January 4, 2010

Product Identification NISSEN FELTIP PAINT MARKER – BLUE

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.

| Ingredients | CAS# | % | Exposure Limits |
|------------------------------|-------------------|--------------|-----------------------------------|
| Mineral Spirits | 64742-88-7 | 35-40 | 100 ppm/8 hrs pel |
| VM& P Naptha | 64742-89-8 | 10-15 | 300 ppm/8 hrs pel |
| Xylol (Xylene) | 1330-20-7 | 1-5 | 100 ppm/8 hrs pel |
| Titanium Dioxide | 13463-67-7 | 15-20 | 10 mg/cu.m Respirable dust |
| Aliphatic Hydrocarbon | 64742-47-8 | 1-5 | 100 ppm/8hrs pel |

Physical Data

Boiling point: 246-404 F **Vapor density:** Heavier than air.
Volatile %: 68% by volume **Specific gravity:** Less than 1.
Evaporation rate: Slower than Ethyl Ether **Vapor Pressure:** 6.2 mm hg @ 20 deg. C
Appearance: Blue 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)