

Material Safety Data Sheet

January 4, 2010

Product Identification NISSEN JUMBO FELTIP PAINT MARKER - RED NISSEN NYLON TIP FELTIP PAINT MARKER FINE LINE - RED

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.

<u>Ingredients</u>	<u>CAS#</u>	<u>%</u>	<u>Exposure Limits</u>
1-Methoxy-2-Propanol Acetate	108-65-6	15-25	No Data
Xylol (Xylene)	1330-20-7	45-55	100 ppm/8 hrs pel
Ethyl Benzene	100-41-4	1-10	100 ppm
Red Pigment	5280-56-0	10-20	No Data
Titanium Dioxide	13463-67-7	1-10	10 mg/m3

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%

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)