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## Material Safety Data Sheet January 5, 2011

### Product Identification **NISSEN FELTIP PAINT MARKER – BLACK MARKER**

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>
Mineral Spirits	64742-88-7	35-40	100 ppm/8 hrs pel
VM& P Naptha	64742-89-8	15-20	300 ppm/8 hrs pel
Xylo (Xylene)	1330-20-7	1-5	100 ppm/8 hrs pel
Carbon Black	1333-86-4	1-5	3.5 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 %:** 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:** 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)