

# Material Safety Data Sheet

January 4, 2010

## Product Identification NISSEN GALVANIZER'S FELTIP PAINT MARKER - BLACK

J.P. Nissen Co.  
2544 Fairhill Avenue  
P.O. Box 339  
Glenside, PA 19038

Phone: 215-886-2025  
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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.

<u>Ingredients</u>	<u>CAS#</u>	<u>%</u>	<u>Exposure Limits</u>
<b>n-Propanol</b>	<b>71-23-8</b>	<b>30-40</b>	<b>TWA 200 ppm</b>
<b>Ethanol</b>	<b>64-17-5</b>	<b>10-20</b>	<b>1000 ppm</b>
<b>Rosin Based Resin</b>	<b>68152-57-8</b>	<b>10-20</b>	<b>TWA 10 mg/m3 Nuisance Dust</b>
<b>Black Pigment</b>	<b>1333-86-4</b>	<b>10-20</b>	<b>TWA 3.5mg/m3 Nuisance Dust</b>
<b>Isopropyl Alcohol</b>	<b>67-63-0</b>	<b>0-5</b>	<b>400 ppm</b>

Nuisance Dust as free dust only, not as bound in paint or ink

### Physical Data

**Boiling point:** 207 F **Vapor density:** 2.1

**Volatile %:** 65% by volume **Specific gravity:** <1 @ 70 F

**Evaporation rate:** 1.3 **Vapor Pressure:** 20.8mm-Hg @ 70 F

**Appearance:** Black thin viscous liquid with alcohol 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:** 77 deg.F **LEL:** 1% **UEL:** 7%

**Extinguishing Media:** Foam, Carbon dioxide, or any Class B extinguishing agent.

### 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)