

Material Safety Data Sheet

January 4, 2010

Product Identification NISSEN STANDARD INK MARKER – ALL COLORS

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- Propanol	71-23-8	30-50	200 PPM
Ethyl Alcohol PM 4084	64-17-5	30-50	1000 PPM

Physical Data

Boiling point: 207 degrees

Vapor density: Heavier than air.

Volatile %: 99% by volume

Specific gravity: Less than 1.

Evaporation rate: Slower than Ethyl Ether **Vapor Pressure:** 14.9 mm hg @ 20 deg.c

Appearance: Thin Liquid

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:** 76 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)