



## Material Safety Data Sheet

January 5, 2011

### Product Identification: NISSEN STANDARD SOLID PAINT MARKER ALL COLORS

HMIS Ratings- Health 1 Flammability 0 Reactivity 0  
NFPA Ratings- Health 1 Flammability 0 Reactivity 0

**Hazardous ingredients** – Characteristics for Physical, Fire and Explosion data based on Butoxyetanol Test data.

<u>Ingredients</u>	<u>CAS#</u>	<u>%</u>	<u>Exposure Limits</u>
2-Butoxyetanol	111-76-2	26-28	50ppm
Titanium Dioxide	13463-67-7	0-23	15mg/m3
Carbon Black	1333-86-4	0-8	3.5mg/m3

#### Physical Data

Boiling point: 356 F Vapor density: ND  
specific gravity: 1<

Evaporation rate: Slower than n-butyl acetate

Appearance: Solid paint (semi-soft) with a slight ether odor.

**Volatile Organic Compound** data not required because product only produced in quantities of less than 1 liter

#### Fire and Explosion Data

Flashpoint: ND LEL: ND UEL: ND

**Fire and Explosion Hazardous:** Carbon Monoxide, Nitrogen Oxides, Sulfur Oxide will form upon combustion.

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

#### Health Hazard Data

**Symptoms of overexposure:** 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.

#### Reactivity Data

**Stability:** Stable - **Hazardous polymerization:** Will not occur.

**Conditions to avoid:** Heat, open flames and sparks.

**Incompatibility:** Do not expose to strong acids.

**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 or goggles and gloves. No special clothing required under normal conditions of use.

#### Transportation

Not Regulated

#### Toxic Substances Control Act TSCA States:

None Detected