



Marine Engineering

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Keçe Uçlu Metal Markalama Kalemleri

Deterjanla Çıkabilen Markalama Kalemi

Çabuk kuruyan özel formüllü boyasıyla kalıcı markalama yapar. Pürüzsüz yüzeylerden istenildiğinde hafif deterjanlı su ile çıkartılabilir. Metal, plastik, cam... her türlü yüzeye yazılabilir. Hava şartlarından etkilenmez.

Paket :12 Adet



Material Safety Data Sheet January 4, 2010

Product Identification NISSEN ACRYLIC FELTIP PAINT MARKER-ALL COLORS

J.P. Nissen Co. Phone: 215-886-2025
2544 Fairhill Avenue Fax: 215-886-0707
P.O. Box 339 Emergency: 1-800-424-9300
Glenside, PA 19038

HMIS Ratings-Health 1 Flammability 0 Reactivity 0

NFPA Ratings- Health 1 Flammability 0 Reactivity 0

Hazardous ingredients – The paint is contained in a valve action reservoir and will not leak under normal conditions.

Ingredients CAS# % Exposure Limits

Dipropylene Glycol n-Butyl Ether 29911-28-2 1-5 NE

Trimethyl Pentanediol Diisobutyrate 6846-50-0 1-3 NE

Water 7732-18-5 25-45 NE

May Contain 1 or More:

Carbon Black 1333-86-4 0-15 3-5 mg/M3

Titanium Dioxide 13463-67-7 0-15 15mg/M3

Pigment Red 2786-76-7 0-15 2 mg/M3

PCN Blue 147-14-8 0-15 10 mg./M3

Yellow Pigment 13515-40-7 0-15 NE

Orange Pigment 3468-63-1 0-15 NE

Physical Data

Boiling point:212 F-447 F **Vapor density:** Heavier than air.

Volatile %: 72.0% by volume **Specific gravity:** Greater than 1

Evaporation rate: Slower than Ethyl Ether **Vapor Pressure:** Same as Water

Appearance: viscous liquid with an aromatic odor.

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

Fire and Explosion Data

Flammability Class: 0 **Flashpoint:** N/A **LEL:** N/A **UEL:** N/A

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

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.

Incompatibility: Do not expose to strong oxidizers.

Hazardous decomposition products: Carbon monoxide, carbon dioxide.

Environmental Protection Procedures

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

Not Regulated

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)