

MATERIAL SAFETY DATA SHEET

JAN 30 1992

HI-SPOT BLUE NO. 107

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HAZARDOUS MATERIALS IDENTIFICATION SYSTEM RATINGS:

HEALTH: 1*
FLAMMABILITY: 1
REACTIVITY: 1

DY107

REVISED: December 21, 1990

SECTION 1. PRODUCT IDENTITY

TRADENAME: HI-SPOT BLUE NO. 107
CHEMICAL FAMILY: Paraffin-dye mixture

OTHER PRODUCT INFORMATION: A nondrying dispersion of dye in a hydrocarbon paste.

SECTION 2. HAZARDOUS INGREDIENTS

INGREDIENT(S)	WEIGHT PCT.	CAS NO.	TLV-TWA1,2	Notes
Wax	5-15	9002884	n/e	A2

Wax (polyethylene) is considered a suspect carcinogen by IARC.

- "TLV" means the Threshold Limit Value exposure (8-hour time-weighted average, unless otherwise noted) established by ACGIH.
- "OSHA PEL" refers to the Permissible Exposure Limits for airborne contaminants as specified in 29 CFR 1900.1000.
- "N/E" indicates that neither TLV nor OSHA Permissible Exposure Limit has been established.

NOTES: A1--human carcinogen. A2--suspect carcinogen. C--ceiling limit (not a TWA). D--the TLV applies to dusts; this ingredient is not a dust as sold in our product. S--absorption through skin may be a significant route of exposure. "TC" indicates a "Toxic Chemical" subject to the reporting requirements of SARA Section 313 (40 CFR Sec. 372).

SECTION 3. PHYSICAL PROPERTIES

BOILING POINT (F): > 400 VAPOR DENSITY (Air=1): n/d EVAPORATION RATE (BuAc=1): <<1
MELTING POINT (F): Paste SPECIFIC GRAVITY: .86 SOLUBILITY IN WATER: Nil
PERCENT SOLIDS BY WEIGHT: 100 VAPOR PRESSURE (mmHg): n/d at -- F
PH (5% by weight in water): neutral APPEARANCE AND ODOR: Intense blue paste with mild odor.

VOLATILE ORGANIC COMPOUNDS (VOC): 0 lbs/gal (EPA Reference Method 24)

NOTE: "n/d" = "not determined".

SECTION 4. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 370 F; METHOD: TCC EXPLOSIVE LIMITS IN AIR: Lower--n/d;
Upper--n/d
EXTINGUISHING MEDIA: Water CO2 Dry chemical Foam Alcohol foam
no yes yes yes no

SPECIAL FIREFIGHTING PROCEDURES: Fire fighters should wear self contained breathing containers.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

SECTION 5. HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES--

EYES: Flush with water for 15 minutes. Contact a physician.
SKIN: Wash affected area with soap and water. If irritation persists contact a physician.
INHALATION: Remove patient to fresh air. If breathing is difficult, administer oxygen.
INGESTION: Do not induce vomiting. If vomiting occurs, keep patient's head below hips. Give plenty of water or milk. Call a physician.

SECTION 5. HEALTH HAZARD DATA (cont'd)

TOXICITY DATA--Oral LD50 (rat): not available
 Dermal LD50 (rabbit): not available
 Inhalation LC50 (rat): not available; Exposure time: hours

SYMPTOMS OF ACUTE OVEREXPOSURE--

EYES: Mild irritant
 SKIN: Mild irritant
 INHALATION: Unlikely because of extremely low vapor pressure. If vapors are generated at high temperatures effects may include headache, and nausea.
 INGESTION: Product of low acute oral toxicity.

EFFECTS OF CHRONIC OVEREXPOSURE: Prolonged repeated overexposure to this product may lead to skin sensitization or dermatitis. The International Agency for Research on Cancer has designated wax as a suspect carcinogen based on tests with laboratory animals.

MEDICAL CONDITIONS WHICH EXPOSURE MAY AGGRAVATE: Respiratory conditions; skin disorders.

CARCINOGENICITY--OSHA regulated? no
 National Toxicology Program? no
 Ingredient(s) listed: Wax

ACGIH? no
 International Agency for Research on Cancer? Yes

SECTION 6. REACTIVITY DATA

STABILITY: Chemically stable
 Conditions to avoid: Heat, sparks, and open flames.
 Materials to avoid: Strong oxidizing agents.
 Hazardous decomposition products: Oxides of carbon.

HAZARDOUS POLYMERIZATION: will not occur.
 Conditions to avoid: None

SECTION 7. SPILL OR LEAK PROCEDURES

SPILL CONTROL: Remove all ignition sources and ventilate the area. Wear personal protective equipment. Use absorbent material such as sand or vermiculite. Place waste in sealed containers and remove to a federal or state approved disposal facility.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

Applicable CERCLA/RCRA Hazardous Waste Codes: None
 Reportable Quantity under CERCLA, in pounds: ---

SECTION 8. PROTECTIVE EQUIPMENT

EYES: Safety glasses or goggles.
 SKIN: Chemical resistant rubber gloves and long sleeved clothing.
 RESPIRATORY: None required for normal use with adequate ventilation. In poorly ventilated areas, use NIOSH approved organic vapor respirator.
 VENTILATION: General mechanical ventilation is adequate for normal use. Local exhaust may be required if vapor concentrations above the TLV are generated.

SECTION 9. PRECAUTIONS FOR STORAGE, HANDLING, ETC.

---Keep away from heat, sparks, and open flames.
 ---Use with adequate ventilation.

PROPER SHIPPING NAME: Not regulated
 D.O.T. HAZARD CLASS: None

ITW Devcon bases the information and recommendations in this document on data believed to be correct. No warranty of any kind, however, is made as to the information in this document.