

# MATERIAL SAFETY DATA SHEET

FILE NO.: Primer  
MSDS DATE: 03/17/2009

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Earth Shield Type 10, 20, & 23 Primer

**MANUFACTURER:** JP Specialties, Inc.  
**ADDRESS:** 551 Birch St. Lake Elsinore, CA 92530

**EMERGENCY PHONE:** 1-951-674-6869  
**FAX PHONE:** 1-951-674-1315

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

### INGREDIENTS:

CHEMICAL NAME:	OSHA-PEL	ACGIH-TLV
Mineral Spirits CAS #64742-88-7 Carcinogen: No SARA Title III, Sect 313 Reportable: No	100 ppm	100 mg/m3
Petroleum Asphalt CAS #8052-42-4 Carcinogen: OSHA-No	None Established 8 HR TWA (Asphalt Fumes) IARC-Yes	5 mg/m3 NTP-No

## SECTION 3: HAZARDS IDENTIFICATION

### ROUTES OF ENTRY:

**INHALATION:** YES

**SKIN:** YES

**INGESTION:** YES

**EYES:** YES

**HEALTH HAZARDS (Chronic):** Prolonged or repeated contact with this product may result in irritation and dermatitis.

**ASPHALT:** The International Agency for Research on Cancer (IARC) has determined that there is sufficient evidence for the carcinogenicity of extracts of steam-refined bitumens, air-refined bitumens and pooled mixtures of steam- and air-refined bitumens in experimental animal. Possible skin cancer hazard based on tests with laboratory animals. This product may contain polynuclear aromatic hydrocarbons, some of which may be types that have been shown to cause skin cancer in laboratory animals. This product has not been tested as a whole for all potential health effects. It may have other health hazards related to its components. Skin contact, breathing of mists, fumes, or vapors should be reduced to a minimum to avoid any ill effects. Chronic health effects would not be expected as long as good hygiene and proper safety precautions are practiced.

**CALIFORNIA PROPOSITION 65:** This material contains detectable amount of some chemicals known to the State of California to cause cancer, birth defects of other reproductive effects.

### HEALTH HAZARDS (Acute):

**INHALATION:** Use with adequate ventilation. Inhalation of high vapor concentration may cause headaches and/or dizziness. This material is for exterior use only.

**SKIN:** Prolonged contact may cause irritation and/or dermatitis.

**INGESTION:** Can cause gastrointestinal irritation.

**EYES:** May cause irritation, blurred vision.

Medical Conditions Aggravated by Exposure: Persons with history of chronic skin or respiratory disorders may be at increased risk for a worsening of their condition from exposure to this product.

## SECTION 4: FIRST AID MEASURES

**EYES:** Flush with large amounts of water. Consult a physician

**SKIN:** Clean affected area with a waterless hand cleaner, then wash area thoroughly with soap and water. If redness, etc., persists, consult a physician.

**INGESTION:** Do not induce vomiting. Consult a physician immediately.

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**INHALATION:** Remove person from area. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Seek immediate medical aid.

## **SECTION 5: FIRE-FIGHTING MEASURES**

**FLASH POINT:** 100° + F. TCC  
**UPPER EXPLOSIVE LIMIT (UEL):** 6.7  
**LOWER EXPLOSIVE LIMIT (LEL):** 0.9  
**SENSITIVE TO STATIC DISCHARGE:** No  
**EXTINGUISHING MEDIA:** Foam, Dry Chemical, CO2 **DO NOT USE WATER!**

**SPECIAL FIRE FIGHTING PROCEDURES:** Treat as fuel oil fire; self contained breathing apparatus recommended

**Flammability:** Yes, under Class B, Division 3

**COMBUSTIBLE! KEEP AWAY FROM OPEN FLAME & SOURCE OF HEAT!**

## **SECTION 6: HANDLING AND STORAGE**

**LEAK AND SPILL PROCEDURE:** Dike spill area; add absorbent to liquid. Keep out of sewers and waterways. Remove any sources of ignition. Ventilate area if necessary.

**WATER DISPOSAL:** Dispose in approved landfill in accordance with Federal, State and Local regulations.

**PRECAUTIONS IN HANDLING & STORAGE:** Keep away from sources of ignition; open flame.

This material is for exterior use only. Avoid prolonged contact with skin. Practice good personal hygiene. Read label of product in its entirety before use. **DO NOT HEAT OR THIN THIS MATERIAL! KEEP OUT OF REACH OF CHILDREN!**

## **SECTION 7: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**VENTILATION:** Normally not needed. If TLV is exceeded, use approved NIOSH/MSHS respirator.

**RESPIRATORY PROTECTION (specify type):** Not normally required.

**EYE PROTECTION:** Chemical splash proof goggles recommended. If material is sprayed, goggles are a must.

**PROTECTIVE GLOVES:** Oil resistant recommended.

**CLOTHING:** Impervious work clothing is recommended.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Requirements must be supplied by the user, depending on use conditions.

**WORK HYGIENE PRACTICES:** Practice good personal hygiene. Launder contaminated clothing before reuse. Use control protection such as chemical splash proof goggles, oil resistant gloves, barrier cream. Clean tools and equipment with kerosene, adhering to manufacturer's precautions. **DO NOT USE GASOLINE OR NAPHTHA.** Follow proper container management in disposing of containers. CERCLA amendment on disposal containers should be followed.

## **SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE AND ODOR:** Black liquid with petroleum odor

**BOILING POINT:** 300° - 320° F. (Solvent Only)

**VAPOR PRESSURE (mm Hg):** 20° C. 2mm (Solvent)

**EVAPORATION RATE:** (BUAC = 1): < 1

**VAPOR DENSITY:** (Air = 1): >1

**SOLUBILITY IN WATER:** Nil

**SPECIFIC GRAVITY/DENSITY:** 1 +

## **SECTION 9: STABILITY AND REACTIVITY**

**THERMAL STABILITY:** Stable

**MATERIAL TO AVOID:** Strong oxidizers

**HAZARDOUS POLYMERIZATION:** Will not occur

**HAZARDOUS DECOMPOSITION/COMBUSTIBLE PRODUCTS:** CO, CO2

## **SECTION 10: DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL METHOD:** Practice good personal hygiene. Launder contaminated clothing before reuse. Use control protection such as chemical splash proof goggles, oil resistant gloves, barrier cream. Clean tools and equipment with kerosene, adhering to manufacturer's precautions. DO NOT USE GASOLINE OR NAPHTHA. Follow proper container management in disposing of containers. CERCLA amendment on disposal containers.

## **SECTION 11: TRANSPORT INFORMATION**

**PROPER SHIPPING NAME:** Tars, Liquid  
**HAZARD CLASS:** 3  
**ID #:** UN 1999  
**PACKAGING GROUP:** III  
**LABELS REQUIRED:** Identity, Hazard Warning, Name and Address of responsible party  
**PACKAGING REQUIREMENTS (49CFR)(Specific):** None

## **SECTION 12: REGULATORY INFORMATION**

**Reportable/Quantity:** Minimum under any act  
**RCRA Hazardous Waste No.:** (Fed) D001  
**Identification Number:** NMFC # 170060

## **SECTION 13: OTHER INFORMATION**

### **DISCLAIMER:**

The information and recommendations provided herein are believed to be accurate at the time of preparation obtained from sources believed to be reliable. JP Specialties, Inc., makes no warranty, expressed or implied, concerning this document or the accuracy of the information contained herein.

The information and recommendations contained herein are not intended to relieve the reader of responsibility to investigate and understand the laws, procedures, and regulations applicable to the readers enterprise, not to relieve the reader of responsibility to comply with laws applicable to the readers enterprise and place of business and to verify independently the information provided in this document as it may relate to the reader's specific process or application

**This Material Safety Data Sheet supersedes all other previously dated sheets for this product.**

**End of Section**