

# MATERIAL SAFETY DATA SHEET

## Section I. Product and Manufacturer Identification

**Product Name:** DeepRoot LB 12-2, UB 18-2 & UB 24-2

**Product Description:** Injected molded polypropylene resin blend

**Color:** Black

**Issue Date:** November 14, 2001

### Contact for Information / Manufacturer Identification:

Deep Root Partners, L.P.  
81 Langton Street  
San Francisco, CA 94103 USA  
Phone: 415-437-9700  
Fax: 415-437-9744

## Section II. Hazardous Ingredients

**Chemical Name:** Carbon Black

**Permissible Exposure Limit:** 3.5 mg/M<sup>3</sup>

**Time Weighted Average:** 3.5 mg/M<sup>3</sup>

**Percent (%) By Weight:** < 2.5

Does this product require reporting under SARA Title III? No

Do the components of this product comply with Toxic Substance Control Act? Yes

**Physical State of Product:** If this product exists as an injected molded panel for root control the above hazardous ingredients are encapsulated and pose no significant threat to human health or environment. In any other physical state a potential for exposure exists. Grinding and chipping will change the physical state of the product.

### **Section III. Hazards Identification**

Primary routes of entry are ingestion of chips and inhalation of dust. Ingestion is a low health risk because any potentially hazardous component are encapsulated. Inhalation of dust is possible in a regrind area. Potential for exposure exceeding the Permissible Exposure Level exists. If adequate ventilation is not available in grinding areas respiratory protection is recommended for hazardous and/or nuisance dust.

### **Section IV. First Aid Measures**

The most likely occasion for inhalation could occur during grinding as part of Recycle process of used product that has been taken out of its intended use as manufactured. If dust should get in the eyes use available eye wash and get medical attention. If excess dust is inhaled get medical attention.

### **Section V. Fire Fighting Measures**

The flash point of the material is over 240°C . If a fire should occur, toxic fumes and gases may be emitted. Wear self contained breathing apparatus when fighting a fire. Carbon monoxide and other toxic substances may be in the air. Fire or explosion can occur from dust build up. Use proper grounding and bonding techniques when dust concentrations are possible. Fight fires with water, CO<sup>2</sup>, or dry chemical.

### **Section VI. Accidental Release Measures**

The product is shipped in cardboard containers and poses no release problems .

### **Section VII. Handling and Storage**

This product is normally shipped in cardboard cartons. The boxes and plastic will burn in the presence of open flame. Do not weld or use open flame where product is stored without proper fire fighting prevention measures.

### **Section VIII. Exposure Controls and Protective Equipment**

Reference Sections III, IV, and V.

## **Section IX. Physical and Chemical Properties**

This product is a solid panel with a Volatile Organic Chemical of less than 5 parts per million. Density will vary depending on color and components from 0.85 to 1.5. Therefore, the product can sink in water depending on these properties. The product is not soluble in water and is odorless at ambient temperature. During heating a characteristic odor will be present. Localized ventilation is recommend.

## **Section X. Stability and Reactivity**

This product is stable and non reactive. Hazardous decomposition of products can occur if overheated or ignited.

## **Section XI. Toxicology Information**

The following chemicals are listed as known or suspected carcinogens by the National Toxicology Program, International Agency for Cancer Research, or California Proposition 65:

Antimony Trioxide, Arsenic (Inorganic), Cadmium Compounds, Carbon Black, Chromium Compounds, Di(ethylhexyl) Phthalate, Lead Compounds, Nickel Compounds, or Crystalline Silica.

If any of these chemicals are present in reportable weights within the product, they will be listed on Page 1, Section II

## **Section VI. Ecological Information**

Refer to Section VI.

## **Section XIII. Disposal Measures**

This product is non hazardous as it arrives. If grinding occurs some of the encapsulated components may present an environmental disposal problem. Refer to applicable federal, state, and local regulations.

## **Section XIV. Transportation Information**

This product is not a regulated substance under Department of Transportation regulations. All hazardous components, if any, are encapsulated.

## **Section XV. Regulatory Information**

Reference Section II.