

# ECO-TECH, INC.

## Material Safety Data Sheet

### Section 1

### Product Identification

Product Manufacturer: Ecological Concepts, Inc aka Eco-Tech  
6455 S. Pine St  
Burlington, WI 53105

Product Names: <sup>TM</sup> Eco-Pallet, Eco-Wood, Eco-Deck, Eco-Liner, Eco-Tuff, Payload scuff, Max-Protec & EZ-Roll in Liner  
(Generic Name) Non-Reinforced Plastic Lumber

Telephone number for information: 1-262 539-3811

Emergency Telephone Numbers: Eco-Tech 1-262-539-3815  
Chemtrec 1-800-424-9300

Chemical Descriptions: Foamed, colored, Recycled High Density Polyethylene (HDPE)/ Recycled Low Density Polyethylene (LDPE)

CAS Registry No.: N/A  
DOT Hazard Class: Not Regulated  
Shipping Name: N/A  
Prepared By: J.P. Sadlier  
Date: rev 1/31/09

### Section 2

### Hazardous Components

Material: No major components are considered to be hazardous.  
Depending on the color additive used, the following hazardous ingredients may be found in ratios up to the amounts listed

<u>CAS Number</u>	<u>Common Name</u>	<u>OSHA/PEL</u> <u>(mg/m3)</u>	<u>ACGIH/TLV</u> <u>(mg/m3)</u>	<u>% BY</u>			<u>OSHA</u>
				<u>WEIGHT</u>	<u>NTP</u>	<u>IARC</u>	
1333-86-4	Carbon Black	3.500	3.500	<1.5	N	Y	N
13463-67-7	Titanium Dioxide	15.000	10.000	<2.07	N	N	N
1129626-00-8	Amorphous Silica	6.000	10.000	<0.21	N	N	N
7440-47-3	Chromium	0.012	n/a	<0.183	Y	Y	Y

Colors other than Black or White may contain trace amounts of other CAS registered items (any other colors refer to MSDS provided by colorant mgr.)

### Section 3

### Physical Data

Appearance: Solid Profile (linear in nature)  
Odor: Slight waxy odor  
Melting Point: Typically over 300 degrees F  
Solubility in Water: Not Soluble  
Violating Content %: 0%  
Specific Gravity: typically .03/Lbs per square inch

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### Section 4 Fire and Explosion Data

Flash Ignition Temperature: 645 Deg F (ASTM d 1929)

Hazardous Combustion Products: Carbon Dioxide  
Carbon Monoxide  
Hydrogen Chloride  
Other Organics Unknown  
Water

Special Fire Fighting Instructions: Use self-contained breathing apparatus if exposed to fumes.

Extinguishing Media: Water, Carbon Dioxide, Foam, Dry Chemical

### Section 5 Stability and Reactivity

Stability at Room Temperature: Stable

Materials to Avoid: None are known

Conditions to Avoid: Petrochemicals may hydrolyze wood @ Temperatures above 300°F.

Combustion/ Decomposition  
Products: Water, carbon dioxide, carbon monoxide, nitrogen. Carbon residue and heavy metal oxides may be released depending on the colorant used. A significant amount of this material is recycled plastic, so other undetermined compounds may be present and released in small quantities.

Hazardous Polymerization: Will not occur

### Section 6 Health Hazard Data

Primary route(s) of exposure: Inhalation or surface irritation from dust or shavings

Eye Contact: May scratch eye surface or cause mechanical irritation

Skin Contact: No animal test has been performed. These polymers have been in use for many years and no skin problems are anticipated from normal handling.

Ingestion: Should not occur.

Inhalation: Not volatile as marketed. Fumes irritating to eyes, nose, and throat may be produced at temperatures above 300°F. Breathing dust from this product may cause short term irritation of the mouth, nose and throat.

Emergency First Aid: **Inhalation** Exposure to fumes from overheating or dust exposure-- move to fresh air. Seek medical advice  
Consult physician

**Skin contact** Wash skin with soap and water.  
If molten polymer contacts skin, cool rapidly with cold water. DO NOT attempt to peel polymer from skin.  
Obtain medical attention for thermal burn.

**Eye Contact** Flush eyes with water. See medical attention

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### Section 6 Cont. Health Hazard Data

Chronic Effects: None known  
Medical Conditions  
Aggravated by  
Exposure: None known

### Section 7 Handling and Storage

Handling product without proper instruction in lifting and moving can cause injury and death. Treat as a combustible solid. Keep away from open flame and heat.

Stacking and storage should comply with Federal, State and local regulations as related to fire and general industrial safety. Storage below 120 deg F is preferred  
Store flat and well supported across entire span

Ground any volatile substance stored on or near product.

### Section 8 Protection Information

Ventilation: Normal ventilation except at temperatures above 300°. Dust collection systems are also recommended when cutting.  
Eye: Safety glasses recommended as part of good industrial safety practice. Goggles or a full face shield should be used when cutting or machining  
Skin: Gloves recommended as part of manual handling of product  
Respirator: Not required, but a NIOSH approved dust mask should be worn when cutting

Damaged product could result in exposed nails, sharp edges which could potentially cause injury or death if not handled with proper care and protection.

### Section 9 Toxicological and Disposal Information

Spill or Release: No chronic effects should occur. Lumber falling could cause a hazardous condition.  
Waste Disposal: Recycling is preferred. Landfill is appropriate. Forced draft incineration is an alternative. Testing provisions should be made prior to incineration. Disposal method must conform to Federal, State, and Local regulations.  
Aquatic Toxicity: No data. Toxicity is projected to be minimal based on negligible water solubility.  
Skin Effects: Chronic exposure may cause antimony measles or cuts and abrasions

For additional information contact: **Eco-Tech, Inc.**  
**6455 S. Pine St.**  
**Burlington, WI 53105**  
**262-539-3811**  
**262-539-3814 - Fax**