

MATERIAL SAFETY DATA SHEET — Arboritec UVElite

Section 1 ~ CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier UVElite		[HMIS Classification] HEALTH: 2 REACTIVITY: 0 FLAMMABILITY: 1 PROTECTION: B/E	
Product Use Waterborne UV-Cured Wood Floor Finish.			
Manufacturer's Name Arboritec AB Email: post@arboritec.com		Supplier's Name Arboritec USA, Inc. www.arboritec.com	
Street Address Olof Wijksväg 9 SE-444 65		Street Address 6200 South Syracuse Way, Ste. 125	
City Jörlanda	Province/Country Sweden	City Greenwood Village	State CO
Postal Code	Emergency Telephone +46 (0)303 56 330 (Sweden office hours)	Postal Code 80111	Emergency Telephone (available 24hrs/day) DOMESTIC NORTH AMERICA 800-424-9300 INTERNATIONAL 703-527-3887
Date MSDS Prepared Feb 01, 2011	Date of Last Revision April 17, 2013	Phone Number 303.773.7143	

Section 2 ~ HAZARDOUS INGREDIENTS

			<i>Occupational Exposure Limits</i>	
Hazardous Ingredients (<i>specific</i>)	% Weight	CAS Number	OSHA - PEL	ACGIH - TLV
Benzophenone	<1	119-61-9	None listed	N/E

SECTION 3 ~ HAZARDS IDENTIFICATION

Primary Routes of Entry: **Dermal and Inhalation**

Emergency Overview:

Caution: Contains small amounts of benzophenone. Do not breathe vapors or spray mist. Use with adequate ventilation. Wear an appropriate, properly fitted respirator (NIOSH, OSHA approved) in areas where proper ventilation is compromised (TLV exceeded). Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container closed when not in use. Do not store below 32°F(0°C) or above 100°F(37.7°C). KEEP OUT OF REACH OF CHILDREN. Before using read all directions and material safety data sheet for UVElite.

Regulatory Data:

Section 313 supplier notification: This product contains the following chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40CFR 372: **None**.

This product contains the following chemical(s) which are known to the state of California to cause birth defects or other reproductive harm: Benzophenone.

Toxicity Info:

No ingredients in this product are listed by OSHA, NTP, or IARC as a mutagen, teratogen, or carcinogen, or as having toxic effects on reproduction except Benzophenone, which is listed in California Prop 65 as a carcinogen. Toxicology info is listed in section 10. Safe handling procedures are listed in section 6.

Section 4 ~ FIRST AID MEASURES

Skin Contact

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.

Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes, keeping eyelids open.

Inhalation

Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Ingestion

If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do not induce vomiting.

Section 5 ~ FIRE FIGHTING MEASURES

<u>Flammable</u> May be combustible at high temps.	<u>Conditions to avoid?</u> High temperatures, oxidizing agents, strong alkalis, strong acids	
<u>Means of Extinction</u> Recommended: dry chemical, water spray, fog or foam.		
<u>Flashpoint (° C) and Method</u> N/A	<u>Explosion Limit (% by volume)</u> Upper : Not Available	<u>Explosion Limit (% by volume)</u> Lower : Not Available
<u>Unusual Fire Explosion Hazards:</u> Closed containers may explode (due to the build up of steam pressure) when exposed to extreme heat		<u>Explosion Data — Sensitivity to Impact</u> Not Available
<u>Hazardous Combustion Products</u> Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or waterways.		
<u>Special Firefighting Procedures:</u> Water may be used to cool containers to prevent pressure build-up. In emergency conditions or IDLH (Immediately Dangerous to Life or Health) atmospheres, use a NIOSH-approved, positive pressure, self-contained breathing apparatus or full facepiece airline respirator.		

Section 6 ~ SAFE HANDLING/USE INFORMATION and EXPOSURE CONTROL

Safe Handling and Use Information

RESPIRATORY PROTECTION: PRODUCT NOT INTENDED FOR SPRAY APPLICATIONS. In areas where OSHA-PEL is exceeded, use a NIOSH- approved, properly fitted, air-purifying respirator with organic vapor cartridges.

VENTILATION: Use with adequate general and/or local ventilation to maintain exposure level below the OSHA-PEL.

PROTECTIVE GLOVES: Wear chemical-resistant gloves such as nitrile rubber.

EYE PROTECTION: Use chemical splash goggles or OSHA-approved safety glasses. Have an eyewash station available.

OTHER PROTECTIVE EQUIPMENT: Wear impervious clothing to avoid repeated or prolonged skin exposure.

ADDITIONAL PRACTICES: Wash hands thoroughly after using product, before eating or using rest rooms.

Additional Handling and Storage Information:

Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, or mist arising from the application of this preparation. Avoid inhalation of dust from sanding.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Put on appropriate personal protective equipment. Never use pressure to empty. Container is not a pressure vessel. Always keep in containers made from the same material as the original one. Comply with the health and safety at work laws.

Section 7 ~ SPILL OR LEAK PROCEDURE & SHIPPING INFO

IN CASE MATERIAL IS RELEASED OR SPILLED: Ventilate area. Remove with inert absorbent. Use water to clean surface, dispose of as per local and regional authority requirements.

WASTE DISPOSAL: Dispose of contaminated absorbent, container and unused contents in accordance with local, state/provincial and federal regulations.

SHIPPING INFORMATION: Not regulated as a DOT hazardous material

Section 8 ~ PHYSICAL AND CHEMICAL PROPERTIES

<u>Physical State</u> Solid	<u>Dry content (%)</u> 100%	<u>Flash Point</u> 105°C (221°F) ASTM 6450
<u>Density</u> 1.1108 g/cm ³	<u>VOC Content</u> 17 g/L	<u>Solubility in Water</u> Equally soluble in oil and water; log(oil/water) =0
<u>Product Characteristics</u> Crystalline solid with a sweet, slight, rose-like odor.		

Section 9 ~ REACTIVITY DATA

STABILITY: Stable

REACTIVITY WITH WATER: Not reactive with Water

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY: Not available.

Section 10 ~ TOXICOLOGY DATA

Routes of Entry: Eye contact, inhalation and ingestion.

Toxicology to animals: Acute oral toxicity (LD50): 2895 mg/kg [Mouse]. Acute dermal toxicity (LD50): 3535 mg/kg [Rabbit].

Chronic Effects on Humans: Not available

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, sensitizer), of ingestion, of inhalation.

Section 11 ~ DISPOSAL CONSIDERATIONS

Do not allow to enter drains or waterways.

Dispose of according to all federal, state and local applicable regulations.

Section 12 ~ TRANSPORT INFORMATION

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. Not regulated as a DOT hazardous material.

Section 13 ~ MISCELLANEOUS INFORMATION

The information in this MSDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local, state and federal regulations. The information in this MSDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

Do not transfer contents to bottles or other unlabeled containers. Do not store in high temperature (above 100°F or 38°C) environments. Keep product from freezing.

*****KEEP OUT OF THE REACH OF CHILDREN*****

HMIS = Hazardous Materials Information System

0 = Minimal Hazard

1 = Slight Hazard

2 = Moderate Hazard

3 = Serious Hazard

4 = Severe Hazard

N/A: Not Applicable

N/E: Not Established

PEL: Permissible Exposure Limit is an exposure limit to an airborne contaminant in a workday set by OSHA

TLV: Threshold Limit Value is a Time-weighted average concentration for a normal 8-hour workday without adverse effect

The identities of ingredients are withheld as proprietary information.