

Safety Data Sheet



Section 1: Identification

Product identifier

Product Name

- AdvanTech®

Chemical Category

- Wood dust, all soft and hard woods, Wood dusts (all other wood dusts), Wood dusts-hard wood, Wood dusts-soft woods

Relevant identified uses of the substance or mixture and uses advised against

Recommended use

- Flooring, wall and roof sheathing in residential and commercial building construction.

Details of the supplier of the safety data sheet

Manufacturer

- Huber Engineered Woods, LLC
10925 David Taylor Drive
Charlotte, NC
United States

Telephone (General) • 704-548-5400

Emergency telephone number

Manufacturer

- 800-424-9300 - Chemtrec

Manufacturer

- +1-703-527-3887 - International

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012

- Not classified

Label elements

OSHA HCS 2012

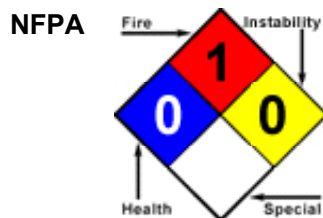
Hazard statements • No label element(s) required

Other hazards

OSHA HCS 2012

- Airborne wood and resin dust may form combustible dust concentrations in air during processing which can explode when combined with an ignition source. Product dust may be irritating to eyes, skin or respiratory system. OSHA Hazard Communication Standard (29 CFR 1910.1200) requirements for Material Safety Data Sheets do not apply to the product(s) described in this document. This product is excluded from this regulation as an article.

Other information



See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Wood and Wood dust except western red cedar	NDA	73% TO 83%	NDA	OSHA HCS 2012: Hazardous	NDA
Polymeric Diphenylmethane Diisocyanate (MDI)	CAS:9016-87-9	1% TO 10%	NDA	OSHA HCS 2012: Hazardous	Fully cured finished product does not contain free or active Polymeric Diphenylmethane Diisocyanate
Phenol, polymer with formaldehyde	CAS:9003-35-4	1% TO 5%	Ingestion/Oral-Rat LD50 > 5 g/kg	OSHA HCS 2012: Hazardous	NDA
Paraffin Wax	NDA	0% TO 2%	NDA	OSHA HCS 2012: Hazardous	NDA
Free Formaldehyde	CAS:50-00-0	< 0.01%	NDA	OSHA HCS 2012: Hazardous	(a),(b)

Key to abbreviations

The U.S. Occupational Health and Safety Administration (OSHA) 'Action Level' for formaldehyde is 0.5 ppm based on an 8-hour TWA under 29 (a) = CFR 1910.1048. This level is not achieved under normal occupational exposures to this product. The OSHA regulatory 8-hour EL is 0.3 mg/m³ with the As Low As Reasonably Achievable (ALARSA) designation.

The California Air Resources Board (CARB) Air Toxic Control Measure for Composite Wood Products regulation is considered the most stringent (b) = formaldehyde emissions standard in the United States. Because of their extremely low formaldehyde emission levels several different categories of wood products are explicitly exempt from the CARB standard (definition No. 8). This specific exemption includes oriented strand board products

See Section 11 for Toxicological Information.

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, move person to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin

- First aid is not expected to be necessary if material is used under ordinary conditions

and as recommended. Wash skin with soap and water. If signs/symptoms develop, get medical attention.

Eye

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If contact with material occurs flush eyes with water. If signs/symptoms develop, get medical attention.

Ingestion

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, get medical attention.

Most important symptoms and effects, both acute and delayed

- Under normal conditions of use, no health effects are expected.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

- No specific actions or treatments recommended related to exposure to this material.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media

- Water, dry chemical, sand, and other agents listed for a wood fire (Type A fire). Use an extinguisher rated for a Type A fire.

Unsuitable Extinguishing Media

- No data available.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

- Dust explosion is strongly possible if airborne concentrations of combustible dust exceed 30-60 g/m³ and if there is an ignition source present (flame, heat, static discharge, etc.) Wood dust may explode when in contact with strong acids and oxidants. Burning of this product can produce irritating and potentially toxic fumes and gases including carbon monoxide, nitrogen oxides, cyanide, aldehyde, organic acid and other products of wood combustion. Partially burned dust is especially hazardous if dispersed into the air. Wood dust should be wet down to reduce likelihood of ignition or dispersion. Remove burned dust to open; secure area after fire is extinguished.

Hazardous Combustion Products

- No data available

Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

- No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.

Emergency Procedures

- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended. Use normal clean up procedures.

Environmental precautions

- This product is not expected to cause an environmental hazard as a result of its intended use, disposal, or incineration.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- There are no containment procedures for this product in its purchased form. For sanding, sawing or machining of wood products, sweep or vacuum dust for recovery or disposal. Wet down accumulated wood dust to reduce the likelihood of ignition or dispersion of dust in the air. Use with adequate ventilation. Do not inhale dust during clean-up. Use NIOSH/OSHA approved respirator where ventilation is not possible and exposure limits could be exceeded.

Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- For sanding, sawing or machining of wood products, avoid creating dust, which can be a source of fire and explosion. Avoid breathing dust. Wood dusts should be wet down to reduce the likelihood of ignition or dispersion of dust in the air. Use NIOSH/OSHA approved respirator where ventilation is not possible and exposure limits could be exceeded.

Conditions for safe storage, including any incompatibilities

Storage

- Store in a cool, dry place. No open flames, no sparks and no smoking.

Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
AdvanTech®	TWAs	1 mg/m3 TWA (inhalable fraction) <i>as Wood dusts (all other wood dusts)</i>	1 mg/m3 TWA <i>as Wood dust, all soft and hard woods</i>	Not established
Free Formaldehyde (50-00-0)	STELs	Not established	Not established	2 ppm STEL (see 29 CFR 1910.1048)
	TWAs	Not established	0.016 ppm TWA	0.75 ppm TWA
	Ceilings	0.3 ppm Ceiling	0.1 ppm Ceiling (15 min)	Not established

Exposure Control Notations

ACGIH

- AdvanTech® as Wood dusts (all other wood dusts): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)
- AdvanTech® as Wood dusts-hard wood: **Carcinogens:** (A1 - Confirmed Human Carcinogen)
- Free Formaldehyde (50-00-0): **Carcinogens:** (A2 - Suspected Human Carcinogen) | **Sensitizers:** (Sensitizer)

Exposure Limits Supplemental

ACGIH

- AdvanTech® as Wood dusts (all other wood dusts): **TLV Basis - Critical Effects:** (pulmonary function)
- Free Formaldehyde (50-00-0): **TLV Basis - Critical Effects:** (eye and upper respiratory tract irritation)

Exposure controls

Engineering

Measures/Controls

- It is recommended that dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment.

Personal Protective Equipment

Respiratory

- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear safety glasses.

Skin/Body

- No data available.

Environmental Exposure Controls

- Handle in accordance with good industrial hygiene and safety practice.

Other Information

- Wood structural Panels – Emission Standards U.S. HUD Manufactured Housing Standard. This standard specifies a 0.20 ppm emission limit for (non-structural) plywood using the ASTM E1333 method. Huber Engineered Woods structural OSB panels have been tested using the ASTM E1333 method. Results of this test indicate formaldehyde emission levels of 0.04 – 0.05 ppm, four - five times less than the U.S. HUD standard. Because of its extremely low formaldehyde emission levels, phenolic-bonded structural plywood is exempt from the testing and certification requirements of the standard. While there is no specific limit stated for OSB, it has been well accepted that the stated exemption for panels that use phenolic adhesives is applicable to OSB products meeting Voluntary Product Standard PS 2.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

STEL = Short Term Exposure Limits are based on 15-minute exposures

NIOSH = National Institute of Occupational Safety and Health

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

OSHA = Occupational Safety and Health Administration

Section 9 - Physical and Chemical Properties**Information on Physical and Chemical Properties**

Material Description			
Physical Form	Solid	Appearance/Description	Structural wood panel, light brown wood color, slight odor of wood.
Color	Light brown.	Odor	Slight odor of wood.
Odor Threshold	Not relevant		
General Properties			
Boiling Point	Not relevant	Melting Point/Freezing Point	Not relevant
Decomposition Temperature	No data available	pH	Not relevant
Specific Gravity/Relative Density	< 1 Water=1	Water Solubility	Negligible
Viscosity	Not relevant		
Volatility			
Vapor Pressure	Not relevant	Vapor Density	Not relevant
Evaporation Rate	Not relevant		
Flammability			
Flash Point	Not relevant	UEL	No data available
LEL	No data available	Autoignition	399 to 500 °F(203.8889 to 260 °C)
Heat of Combustion (ΔHc)	204 to 260	Flammability (solid, gas)	No data available
Environmental			
Octanol/Water Partition coefficient	No data available		

Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity**Reactivity**

- No data available

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Wood dust generated from sawing, sanding, or machining the product is extremely combustible. Keep in a cool dry place away from ignition sources.

Incompatible materials

- Keep away from high temperatures, strong oxidizers (such as concentrated nitric acid, hydrogen peroxide, and chlorine), and drying oils (such as linseed oil).

Hazardous decomposition products

- Burning of this product can produce irritating and potentially toxic fumes and gases including carbon monoxide, nitrogen oxides, cyanide, aldehyde, organic acid and other products of wood combustion.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Polymeric Diphenylmethane Diisocyanate (MDI) (1% TO 10%)	9016-87-9	<p>Acute Toxicity: Inhalation-Rat LC50 • 490 mg/m³ 4 Hour(s); <i>Sense Organs and Special Senses:Eye:Other; Lungs, Thorax, or Respiration:Respiratory depression; Blood:Hemorrhage; Irritation:</i> Eye-Rabbit • 100 mg • Mild irritation;</p> <p>Reproductive: Inhalation-Rat TClO • 12 mg/m³ 6 Hour(s)(6-15D preg); <i>Reproductive Effects:Maternal Effects:Other effects; Reproductive Effects:Effects on Embryo or Fetus:Extra embryonic structures; Reproductive Effects:Specific Developmental Abnormalities:Musculoskeletal system;</i></p> <p>Tumorigen / Carcinogen: Inhalation-Rat TClO • 6 mg/m³ 6 Hour(s) 2 Year(s)-Intermittent; <i>Tumorigenic:Equivocal tumorigenic agent by RTECS criteria; Lungs, Thorax, or Respiration:Tumors</i></p>
Phenol, polymer with formaldehyde (1% TO 5%)	9003-35-4	<p>Acute Toxicity: Ingestion/Oral-Rat LD50 • >5 g/kg</p>

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • No data available
Skin corrosion/Irritation	OSHA HCS 2012 • No data available
Serious eye damage/Irritation	OSHA HCS 2012 • No data available
Skin sensitization	OSHA HCS 2012 • No data available
Respiratory sensitization	OSHA HCS 2012 • No data available
Aspiration Hazard	OSHA HCS 2012 • No data available
Carcinogenicity	OSHA HCS 2012 • No data available
Germ Cell Mutagenicity	OSHA HCS 2012 • No data available
Toxicity for Reproduction	OSHA HCS 2012 • No data available
STOT-SE	OSHA HCS 2012 • No data available
STOT-RE	OSHA HCS 2012 • No data available

Potential Health Effects

Inhalation

Acute (Immediate)

- Exposure to dust may cause irritation. Some woods can cause respiratory sensitization resulting in asthma. Under normal conditions of use, no health effects

- are expected.
- Chronic (Delayed)**
 - Under normal conditions of use, no health effects are expected.
- Skin**
- Acute (Immediate)**
 - Exposure to dust may cause irritation. Some woods may cause skin sensitization resulting in a skin rash. Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)**
 - Under normal conditions of use, no health effects are expected.
- Eye**
- Acute (Immediate)**
 - Exposure to dust may cause mechanical irritation. Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)**
 - Under normal conditions of use, no health effects are expected.
- Ingestion**
- Acute (Immediate)**
 - Ingestion of wood dusts is unlikely. If ingestion does occur, slight gastrointestinal irritation may result. Certain species of wood and their dusts may contain natural toxins, which can have adverse effects on humans. Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)**
 - Under normal conditions of use, no health effects are expected.
- Carcinogenic Effects**
 - Prolonged exposure to wood dust by inhalation has been reported to be associated with nasal and para nasal cancer. Wood dust is classified as a carcinogen by ACGIH, NIOSH, and IARC. This classification is based on an increased incidence of nasal and para nasal cancer in people exposed to wood dusts. Residual Formaldehyde gas is irritating to the eyes and upper respiratory tract and may aggravate existing respiratory conditions or allergies. OSHA has listed formaldehyde as a potential human carcinogen.

Carcinogenic Effects				
	CAS	OSHA	IARC	NTP
AdvanTech® as Wood dust, all soft and hard woods	NDA	Not Listed	Group 1-Carcinogenic	Known Human Carcinogen
Free Formaldehyde	50-00-0	Specifically Regulated Carcinogen	Group 1-Carcinogenic	Known Human Carcinogen

Key to abbreviations

- LC = Lethal concentration
- LD = Lethal Dose
- MLD = Mild
- TC = Toxic Concentration

Section 12 - Ecological Information

Toxicity

- This product is not expected to pose an ecological hazard as a result of their intended uses.

Persistence and degradability

- No data available

Bioaccumulative potential

- No data available

Mobility in Soil

- No data available

Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA

Special precautions for user

- No special precautions.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Not relevant.

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • None

State Right To Know				
Component	CAS	MA	NJ	PA
AdvanTech® as Wood dust, all soft and hard woods	NDA	No	Yes	Yes
Free Formaldehyde	50-00-0	Yes	Yes	Yes
Phenol, polymer with formaldehyde	9003-35-4	No	No	No
Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	No	Yes	No

Inventory		
Component	CAS	TSCA
AdvanTech® as Wood dust, all soft and hard woods	NDA	No
Free Formaldehyde	50-00-0	Yes
Phenol, polymer with formaldehyde	9003-35-4	Yes
Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Yes

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	1000 lb TQ

U.S. - OSHA - Specifically Regulated Chemicals

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	2 ppm STEL (Irritant and potential cancer hazard, See 29 CFR 1910.1048, 15 min); 0.5 ppm Action Level; 0.75 ppm TWA

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	100 lb final RQ; 45.4 kg final RQ

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
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• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	100 lb EPCRA RQ

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	500 lb TPQ

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	1.0 % de minimis concentration (listed under Chemical Category N120, Diisocyanates)
• Free Formaldehyde	50-00-0	0.1 % de minimis concentration

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	Included in waste streams: K009, K010, K038, K040, K156, K157

U.S. - RCRA (Resource Conservation & Recovery Act) - Hazardous Constituents - Appendix VIII to 40 CFR 261

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed

• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	waste number U122

U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	waste number U122

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

• AdvanTech® as Wood dust, all soft and hard woods		carcinogen, initial date 12/18/09
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	carcinogen, initial date 1/1/88 (gas)

U.S. - California - Proposition 65 - Developmental Toxicity

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	40 µg/day NSRL (gas)

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
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• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• AdvanTech® as Wood dust, all soft and hard woods		Not Listed
• AdvanTech® as Wood dusts (all other wood dusts)		Not Listed
• AdvanTech® as Wood dusts-hard wood		Not Listed
• AdvanTech® as Wood dusts-soft woods		Not Listed
• Phenol, polymer with formaldehyde	9003-35-4	Not Listed
• Polymeric Diphenylmethane Diisocyanate (MDI)	9016-87-9	Not Listed
• Free Formaldehyde	50-00-0	

Chemical Safety Assessment

- Chemical Safety Assessment is not required.

Section 16 - Other Information

Revision Date

- 03/February/2017

Preparation Date

- 24/January/2013

Disclaimer/Statement of Liability

- The information contained in the Safety Data Sheet to the best of Huber Engineered Woods' knowledge and belief as of the date indicated is believed to be accurate and reliable. However, no representation, warranty, or guarantee is implied or expressed regarding the accuracy, reliability, or completeness of this information or the use of the product. Nothing contained herein should be construed as a recommendation to use this product in conflict with national or local regulations or existing patents covering any material or its use.