

Material Safety Data Sheet

Issuing Date 06-Dec-2010

Revision Date

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Industrial Panels
Recommended Use Interior wall panels
Synonyms Hardboard panels

Supplier Address

Decorative Panels International
2900 Hill Avenue
Toledo, Ohio
43607-2929
TEL: 419-535-5921

Emergency Telephone Number 1-800-521-4301

2. HAZARDS IDENTIFICATION

Emergency Overview

Contact with strong oxidizers or exposures to temperatures greater than 400°F (204.4°C) may cause a fire.
Airborne wood and resin dust may explode when combined with an ignition source.
Smoke may contain carbon monoxides, aldehydes, and other toxic materials.
Cancer hazard

WARNING! This product contains a chemical known in the State of California to cause cancer.

Appearance No information available **Physical State** Solid. **Odor** None, Very slight

Potential Health Effects

Principle Routes of Exposure Eye contact. Skin contact. Inhalation.

Acute Toxicity

Eyes May cause slight irritation.
Skin May cause irritation.
Inhalation Irritating to respiratory system.
Ingestion No known effect based on information supplied.

Chronic Effects

Wood dust has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen (Group 1)

Aggravated Medical Conditions

Pre-existing eye disorders. Skin disorders. Respiratory disorders.

Environmental Hazard

See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Wood dust	Proprietary	60-100
Linseed oil	8001-26-1	1-5
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	<0.1
Methyl ethyl ketoxime	96-29-7	<0.1

Zirconium ethyl hexoate	22464-99-9	<0.1
Cobalt neodecanoate	27253-31-2	<0.1
Hexanoic acid, 2-ethyl-, cobalt(2+) salt	136-52-7	<0.1

4. FIRST AID MEASURES

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists, call a physician.
Skin Contact	Wash off with warm water and soap. If skin irritation persists, call a physician.
Inhalation	Move to fresh air. Consult a physician.
Ingestion	Consult a physician.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Combustible material. Dust can form an explosive mixture in air.			
Flash Point	Not determined.			
Suitable Extinguishing Media	Water. Dry chemical.			
Explosion Data	None			
Sensitivity to Mechanical Impact	None			
Sensitivity to Static Discharge	Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard			
Specific Hazards Arising from the Chemical	Airborne concentrations of combustible dust, when combined with an ignition source, can create an explosion hazard if the dust concentration exceeds 30 - 60 g/m ³			
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
NFPA	Health Hazard 1	Flammability 1	Instability 0	Physical and Chemical Hazards -
HMIS	Health Hazard 1*	Flammability 1	Physical Hazard 0	Personal Protection -

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation.
Environmental Precautions	Refer to protective measures listed in Sections 7 and 8.
Methods for Containment	Not applicable
Methods for Cleaning Up	Pick up and transfer to properly labeled containers.
Other Information	Not applicable.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Avoid dust formation. Wear personal protective equipment.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Wood dust	TWA: 1 mg/m ³ (inhalable fraction)	(vacated) 5 mg/m ³ PEL STEL: 10 mg/m ³	TWA: 1 mg/m ³

OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Engineering Measures Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment

Eye/Face Protection
Skin and Body Protection
Respiratory Protection

Safety glasses with side-shields.
Protective gloves.
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	No information available	Odor	None, Very slight.
Odor Threshold	No information available.	Physical State	Solid
pH	No information available.		
Flash Point	No information available.	Autoignition Temperature	No information available.
Decomposition Temperature	No information available.	Boiling Point/Range	No information available
Melting Point/Range	No information available		
Flammability Limits in Air	No information available.	Explosion Limits	No information available.
Specific Gravity	0.81-1.07	Solubility	No information available
Evaporation Rate	No information available	Vapor Pressure	No data available
Vapor Density	No data available		

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Incompatible Products Strong oxidizing agents.

Conditions to Avoid Dust formation. Heat.

Hazardous Decomposition Products Carbon oxides. Hydrogen cyanide.

Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

Chronic Toxicity

Chronic Toxicity Wood dust has been classified by the International Agency for Research on Cancer (IARC) as a known human carcinogen (Group 1)

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Wood dust		Group 1	Known	X
Cobalt neodecanoate		Group 2B		X
Hexanoic acid, 2-ethyl-, cobalt(2+) salt		Group 2B		X

IARC: (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

NTP: (National Toxicity Program)

Known - Known Carcinogen

OSHA: (Occupational Safety & Health Administration)

X - Present

Target Organ Effects Respiratory system.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Solvent naphtha (petroleum), medium aliphatic	EC50: 450 mg/L Pseudokirchneriella subcapitata 96 h	LC50: 800 mg/L Pimephales promelas 96 h static		EC50: >100 mg/L Daphnia magna 48 h
Methyl ethyl ketoxime	EC50: 83 mg/L Desmodesmus subspicatus 72 h	LC50: 777-914 mg/L Pimephales promelas 96 h flow-through LC50: 320-1000 mg/L Leuciscus idus 96 h static LC50: 760 mg/L Poecilia reticulata 96 h static	EC50 = 281 mg/L 17 h EC50 = 950 mg/L 5 min	EC50: 750 mg/L Daphnia magna 48 h

Chemical Name	Log Pow
Methyl ethyl ketoxime	0.65

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging Do not re-use empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Cobalt neodecanoate	Toxic
Hexanoic acid, 2-ethyl-, cobalt(2+) salt	Toxic

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

MEX Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Trade Secret	X				
Linseed oil			X		X
Wood dust, all soft and hard woods					X

International Regulations

Chemical Name	Carcinogen Status	Exposure Limits
Zirconium ethyl hexoate		Mexico: TWA= 5 mg/m ³ Mexico: STEL= 10 mg/m ³

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Non-controlled

16. OTHER INFORMATION

Prepared By	Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501
Issuing Date	06-Dec-2010
Revision Date	
Revision Note	Initial Release.

General Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet