



# SAFETY DATA SHEET

SDS No: 0050

## Section 1. Product and Company Identification

Product Name: Colorshop Woods	
Trade Name: Russian Birch Plywood	
Recommended Use: Signage, Other	
Restrictions on Use: None	
Manufacture: Rowmark 5409 Hamlet Drive Findlay, OH 45840	In Case of Emergency: Call: Medcal: 911 Poison Control: 800-589-3897 Email:
	Information: Call: 1-877-ROWMARK Email: <a href="mailto:techhelp@rowmark.com">techhelp@rowmark.com</a>

## Section 2. Hazard Identification

GHS Classification: Not Classified	<b>NEW GHS Hazard Categories</b> Category 1 = Severe Hazard Category 2 = Serious Hazard Category 3 = Moderate Hazard Category 4 = Slight Hazard Category 5 = Minimal Hazard
GHS Label Elements: Not Applicable	
<b>Emergency Overview:</b>	
APPEARANCE: Various colors; Various odors	
<b>Potential Health Effects:</b>	

EYE: Solid or dust may cause irritation or corneal injury due to mechanical action.

SKIN: Essentially non-irritating to the skin. May evoke allergic contact dermatitis in sensitive individuals. Mechanical injury only such as splinters are possible. No adverse effects anticipated by skin absorption.

INGESTION: Not applicable as not likely to occur.

INHALATION: In a well ventilated work areas the concentration of formaldehyde will not exceed World Health Organization standard of 0.1mm and will be well far below the occupational Exposure Standard of 1.0 ppm on a time weighted average. Formaldehyde may lead to temporary irritation to eyes, nose, and throat. Wood dust may cause nasal dryness, irritation and obstruction. Coughing, wheezing, and sneering, sinusitis and prolonged colds have also been reported. Prolonged exposure to wood dust has been reported by some observers to be associated with nasal cancer. Wood dust is not listed as a carcinogen.

Health	5
Flammability	4
Instability	5
Other	

Health	0
Flammability	1
Physical Hazard	0

0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Other Hazards: Not Applicable

<b>Section 3. Composition / Information on Ingredients</b>			
<b>Name</b>	<b>CAS #</b>	<b>% by Weight</b>	
Birch Veneer	N/A	90-100%	
<b>Glue: Adhesive Bond for Veneer</b>			
Carbamide Formaldehyde Resin	9011-05-6	Trace Levels	
Lignosulfonates (provides viscosity)	8061-51-6	Trace Levels	
Kaolin (provides viscosity)	1332-58-7	Trace Levels	
Ammonium Chloride (hardener)	12125-02-9	Trace Levels	
<b>Lacquer   Sealer</b>			
n-Butyl Acetate	123-86-4	Trace Levels	
Acetone	67-64-1	Trace Levels	
Methanol	67-56-1	Trace Levels	
2-Propanol	67-63-0	Trace Levels	
* Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.			
<b>Section 4. First Aid Measures</b>			
Inhalation:	Dust and process vapors may be irritation to the nose, throat and respiratory tract. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get Medical attention.		
Eyes:	Dust, fines and process vapors may irritate the eyes. Immediately flush eyes with water for at least 15 minutes. Get medical attention.		
Skin:	Wash affected areas with soap and water. Get medical advice if rash or persistent irritation or dermatitis occurs.		
Ingestion:	Not applicable.		
<b>Section 5. Fire-Fighting Measures</b>			
Suitable Extinguishing Methods:	Dry Chemical, Water Spray, Foam Carbon Dioxide, Sand		
Hazards During Fire-fighting:	Carbon monoxide, carbon dioxide, original monomer other hydrocarbon oxidation products.		
Protective Equipment:	Wear self-contained breathing apparatus and protective suit.		
<b>Section 6. Accidental Release Measures</b>			
Personal Precautions:	See Section 8 - Exposure Controls / Personal Protection.		
Environmental Precautions:	No Special environmental precautions required.		
<b>Section 7. Handling and Storage</b>			
Handling:	Keep away from heat, flame and strong oxidizing agents. Good housekeeping and controlling dusts are necessary for safe handling of product. Product is combustible and should be kept clear of ignition sources.		
Storage:	Keep away from heat, sparks, and flame. Store horizontally in cool, dry place in original container and protect from sunlight.		
<b>Section 8. Exposure Control and Personal Protection</b>			
<b>Exposure Limits:</b>			
1) Effects of Acute Exposure:	See section 11, Toxicological Information		
2) Effects of Chronic Over Exposure:	See section 11, Toxicological Information		
3) OSHA Permissible Exposure Limits:	<b>Chemical</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
	Formaldehyde	0.75 ppm TWA 2 ppm STEL	Ceiling: 0.3 ppm
	Wood Dust	5.0 mg/m3 (total dust) TWA	Not Assigned
4) Carcinogen Potential:	See section 11, Toxicological Information		
<b>Engineering Controls:</b>			
Use recommended safe handling practices to minimize unnecessary exposure.			
General room ventilation is adequate for storage and ordinary handling.			

Use local exhaust at points of fume generation or if dusty conditions prevail.

#### Personal Protective Equipment:

Wear safety glasses with side shields or chemical goggles to prevent eye contact.

Have eye-washing facilities readily available where eye contact can occur.

Wear impervious gloves and protective clothing to prevent skin contact.

#### Section 9. Physical and Chemical Properties

Appearance: Various colors,	Various color	Vapor Pressure:	Not applicable
Odor:	Various odors	Vapor Density:	Not applicable
pH:	Not applicable	Relative Density:	<1
Melting Point / Freezing Point:	Not applicable	Solubility (ies):	Insoluble in water
Boiling Point:	Not Applicable	Partition Coefficient (N-Octanol/Water):	Not applicable
Flash Point:	Not Applicable	Auto-Ignition Temperature:	Variable, typically 400-500°F
Evaporation Rate:	Not Applicable	Decomposition Temperature:	Not applicable
Flammability (solid, gas):	Dust and solid are flammable	Viscosity:	Not applicable
Upper Explosive Limit:	Not established	Specific Gravity:	<1
Lower Explosive Limit:	40 grams/m3	Percent Volatile:	0

#### Section 10. Stability Reactivity

Reactivity:	Stable
Chemical Stability:	Stable
Possibility of Hazardous Reactions:	None known
Conditions to Avoid:	Avoid contact with oxidizing agents. Avoid open flames and temperatures over 400°F
Incompatible Materials:	None known
Hazardous Decomposition Products:	Thermal decomposition can produce irritating and toxic fumes and gases, including carbon monoxide, hydrogen cyanide, aldehydes, organic acids and polynuclear aromatic compounds.
Combustion Products:	

#### Section 11. Toxicological Information

##### Irritation Effects

Eye Irritation:	Solid particles may cause transient irritation from mechanical abrasion.
Skin Irritation:	Not expected to cause skin irritation.
Inhalation:	Not a likely route of exposure. Process fumes may cause irritation.
Ingestion:	May cause a choking hazard if swallowed.

##### General Effects of Exposure

**Acute Effects of Exposure:** Gases and fumes evolved during thermal processing or decomposition of this material may irritate the eyes, skin or respiratory tract and cause nausea, drowsiness and headache.

**Chronic (non-cancer) Effects of Exposure:** Not expected to cause any adverse chronic health effects.

##### Carcinogenicity:

Formaldehyde is listed by the International Agency for Research on Cancer as a probable human carcinogen. The National Toxicology Program includes formaldehyde in the Annual Report on Carcinogens. Formaldehyde is regulated by OSHA as a potential cancer agent, however NCI (Natl. Cancer Institute) concluded that the data provides little evidence that mortality from cancer is associated with formaldehyde exposure at the levels experienced by workers in the study.

#### Section 12. Ecological Information

Eco-toxicity:	No relevant studies identified.
Persistence and Degradability:	Biodegradable
Bio-accumulate Potential:	Product is not likely to accumulate in biological organisms.
Mobility in Soil:	This Product has not been found to migrate through soils.

**Section 13. Disposal Considerations****Disposal Methods**

Product Recommendation:

1. Recycle (Reprocess) if product has not been contaminated so as to make it unsuitable for its intended use.
2. Disposal through controlled incineration or authorized waste dump in accordance with Local, State or Federal Regulations.

Uncleaned Packaging Recommendation:

1. Disposal must be done in accordance with Local, State, or Federal Regulation.

**Section 14. Transportation Information**

UN Number: Not Relevant

UN Proper Shipping Name: Not Relevant

**Transportation Hazard Class(es)**

DOT: Not Regulated/classified

TDG: Not Regulated/classified

ADR / RID: Not Regulated/classified

IMDG: Not Regulated/classified

ICAO/IATA: Not Regulated/classified

Packing Group: Not Applicable

Environmental Hazards: Not Relevant

Transportation in Bulk (According to Annex II of MARPOL 73/78 and IBC Code): Not Relevant

Special Precautions for User: No special precautions

**Section 15. Regulatory Information**

(Not meant to be all-inclusive – selected regulations represented)

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See other sections for health and safety information.

**California Proposition 65 Warning:**

This product can potentially expose you to chemicals including acetone and methanol which are known to the State of California to cause cancer, birth defects or other reproductive harm. For additional information see: <http://www.p65warnings.ca.gov>

**US EPA Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous Wastes and Appendix VIII Hazardous Constituents**

If discarded in purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste (40 CFR 261.20-24).

OSHA HazCom: This Material is not Hazardous b OSHA Hazardous Communication Standard 29 CFR 1910.1200

SARA 313: N/A

Immediate Hazard: NO

Fire Hazard: NO

Reactivity Hazard: NO

Delayed Hazard: NO

Pressure Hazard: NO

**Section 16. Other Information**

Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosion from the Manufacturing, Processing, and Handling of

**NOTICE:** The information presented in this Safety Data Sheet is based on data considered to be accurate as of the date this Safety Data Sheet was prepared. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

Revision Date: March 7, 2018