SAFETY DATA SHEET

SDS No: 0010

Section 1. Product and Company Identification

Product Name: Hardwood Collection (adhesive)

Trade Name: TCP-3227

Recommended Use: Signage, Other

Restrictions on Use: None

Manufacture:	Rowmark 5409 Hamlet Drive Findlay, OH 45840	**In Case of Emergency:**	Call: Mediical: 911 Poison Control: 800-589-3897
		Information:	Call: 1-877-ROWMARK Email: techhelp@rowmark.com

Section 2. Hazard Identification

GHS Classification: Not Classified

GHS Label Elements: Not Applicable

Warning Irritant

NEW GHS Hazard Categories
Category 1 = Severe Hazard
Category 2 = Serious Hazard
Category 3 = Moderate Hazard
Category 4 = Slight Hazard
Category 5 = Minimal Hazard

Potential Health Effects:

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

SKIN: Essentially non-irritating to the skin. Mechanical injury only. Under normal processing conditions, material is heated to elevated temperatures; contact with the material may cause thermal burns. No adverse effects anticipated by skin absorption.

INGESTION: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

INHALATION: Inhalation in concentration above 25 to 30 ppm may cause respiratory tract irritation. Use in well ventilated area.

GHS Rating

Health	5
Flammability	4
Instability	5
Other	

Other Hazards: Not Applicable

Section 3. Composition / Information on Ingredients

Name	CAS #	% by Weight
Vinyl Acetate Polymer	9003-20-7	40 -60%
Aluminum Chloride	1327-41-9	<2%

* Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

Section 4. First Aid Measures

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:	No adverse health effects expected from ingestion.

Section 5. Fire-Fighting Measures

Suitable Extinguishing Methods:	Dry Chemical, Water Spray, Foam Carbon Dioxide, or Foam
Unsuitable Extinguishing Methods:	None known.
Hazards During Fire-fighting:	Carbon monoxide, carbon dioxide, original monomer other hydrocarbon oxidation products.
Protective Equipment:	Wear self-contained breathing apparatus and protective suit.

Section 6.	Accidental Release Measures
Personal Precautions:	See Section 8 - Exposure Controls / Personal Protection.
Environmental Precautions:	No Special environmental precautions required.
Methods and Materials for Containment and Cleaning Up	
Spill / Leak:	Containment of this material should not be necessary. Sweep up or gather material and place in appropriate container for disposal.

Section 7.	Handling and Storage
Handling:	Keep away from heat, flame and strong oxidizing agents. Good housekeeping and controlling dusts are necessary for safe handling of product. Workers should be protected from the possibility of contact with molten resin during fabrication. Large masses of molten polymer held at elevated temperatures for extended periods of time may auto-ignite.
Storage:	Keep away from heat, sparks, and flame. Store horizontally in cool, dry place in original container and protect from sunlight.

Section 8.	Exposure Control and Personal Protection		
Exposure Limits:			
1) Effects of Acute Exposure:	See section 11, Toxicological Information		
2) Effects of Over Exposure:	See section 11, Toxicological Information		
3) OSHA Permissible Exposure Lim	**Chemical**	**OSHA PEL**	**ACGIH TLV**
	Formaldehyde	0.75 ppm TWA 2 ppm STEL	Ceiling: 0.3 ppm
4) Carcinogen Potential:	See section 11, Toxicological Information		
Engineering Controls:			
	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 color	Vapor Pressure:	Not applicable
Odor:	Characteristic Odor	Vapor Density:	Not applicable
pH:	Not applicable	Relative Density:	<1
Melting Point / Freezing Point:	Not applicable	Solubility (ies):	Not applicable
Boiling Point:	208°-210°F	Partition Coefficient (N-Octanol/W	Not applicable
Flash Point:	Not Applicable	Auto-Ignition Temperature:	Variable, typically 400-500°F
Evaporation Rate:	Slower than Ether	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:	39-44%

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 tempuratures 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:	No data available

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. Molten material may cause thermal burns.
Inhalation:	Not a likely route of exposure. Process fumes may cause irritation.
Ingestion:	May cause a choking hazard if swallowed.

Accute 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.

Section 12. Ecological Information

Eco-toxicity:	No relevant studies identified.
Persistence and Degradability:	No relevant studies identified.
Bio-accumulate Potential:	No relevant studies identified.
Mobility in Soil:	No relevant studies identified.
Other Adverse Effects:	No relevant studies identified.

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
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.

Hazardous Constituents (40 CFR 261):

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:

Immediate Hazard: NO	**Fire Hazard**: NO	**Reactivity Hazard**: NO

Delayed Hazard: NO	**Pressure Hazard**: NO		

Section 16. Other Information

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 additional, 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: January 2020