



# Material Safety Data Sheet

## Section 1: Product and Company Identification

**RPM Wood Finishes Group, Inc.**

**Company Phone number: (800) 522-8266**

**P.O. Box 22000**

**CHEMTREC: (800) 424-9300**

**Hickory, NC 28603**

**Issue Date: 04/16/2008**

**Product Name:** BURN IN STICK BIRCH FOR KIT ONLY

**Product Code:** B320-824, B330-824

## Section 2: Hazards Identification

### **EMERGENCY OVERVIEW**

**Appearance:** Solid

**Odor:** None to Very Faint

**Principal Hazards:** WARNING!  
Causes eye and skin irritation.

**Potential Health Effects:** See Section 11 for more information.

**Primary Routes of Exposure:** Eye contact, ingestion, skin contact, inhalation, and absorption.

**Eye Contact:** Product may cause eye irritation: signs and symptoms may include redness and tearing.

**Ingestion:** If ingested, product may cause irritation of mouth, throat, and stomach; signs and symptoms may include a abdominal discomfort.

**Skin Contact:** Product may cause skin irritation.

**Inhalation:** N/A

**Target Organs:** Not Determined

**Carcinogenicity:** This product contains carcinogens or potential carcinogens as listed by IARC or NTP.

**Hazardous Listing:** Components of this product are considered hazardous per the OSHA Hazard Communication Standard (29 CFR 1910.1200).

## Material Safety Data Sheet

Product Name: BURN IN STICK BIRCH FOR KIT ONLY

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### **Section 3: Composition/Information on Ingredients**

Chemical	CAS	Percent Composition
epoxy resin	25036-25-3	70 - 100
epoxy resin	25068-38-6	1 - 10
titanium dioxide	13463-67-7	1 - 10
modified base epoxy	proprietary	1 - 10
aluminum hydroxide	21645-51-2	< 1
iron oxide	1309-37-1	< 0.1
barium sulfate	7727-43-7	< 0.1
manganese oxide	1317-34-6	< 0.1
magnesium silicate hydrate	14807-96-6	< 0.1
pigment yellow 151	31837-42-0	< 0.1
crystalline silica	14808-60-7	< 0.1
carbon black	1333-86-4	< 0.1
benzene	71-43-2	< 0.1

### **Section 4: First Aid Measures**

- Eye Contact:** If exposure occurs, flush the affected eye for at least 20 minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical attention immediately after flushing.
- Ingestion:** Do not induce vomiting. Dilute with water or milk. Never give fluids if the victim is unconscious or having convulsions. Seek medical attention immediately.
- Skin Contact:** If exposure occurs, wash the affected area thoroughly with soap and water. Wash contaminated clothing and shoes. Seek medical attention. For thermal burns, immediately immerse or flush affected area with cold water. Seek medical attention immediately.
- Inhalation:** N/A

### **Section 5: Fire Fighting Measures**

- Extinguishing Media:** This product is expected to burn under normal conditions of use.
- Products of Combustion:** Combustion may produce carbon monoxide.
- Protection of Firefighters / Explosion Hazards:** N/A

### **Section 6: Accidental Release Measures**

N/A

## Material Safety Data Sheet

**Product Name:** BURN IN STICK BIRCH FOR KIT ONLY

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### Section 7: Handling and Storage

**Handling:** Wash hands thoroughly after handling and before eating or drinking.

**Storage:** Store in cool well ventilated space away from incompatible materials.

### Section 8: Exposure Controls/Personal Protection

OSHA 29 CFR 1910.1000 Air Contaminants – Tables:

Chemical	CAS	Z-1 PEL (units as noted)	Z-2 PEL (PPM)	Z-3 Status	Specifically Regulated see:	ACGIH TLV (units as noted)
epoxy resin	25036-25-3					
epoxy resin	25068-38-6					
titanium dioxide	13463-67-7	15 MGM3				10 MGM3
modified base epoxy	proprietary					
aluminum hydroxide	21645-51-2					
iron oxide	1309-37-1	15 MGM3				5 MGM3
barium sulfate	7727-43-7	5 MGM3				10 MGM3
manganese oxide	1317-34-6					
magnesium silicate hydrate	14807-96-6			*		2 MGM3
pigment yellow 151	31837-42-0					
crystalline silica	14808-60-7			*		0.025 MGM3
carbon black	1333-86-4	3.5 MGM3				3.5 MGM3
benzene	71-43-2		10 PPM		29 CFR 1910.1028	0.5 PPM

**Engineering Controls:** Use adequate ventilation to maintain airborne concentrations at levels below permissible or recommended occupational exposure limits.

**Eye / Face Protection:** No special requirements under normal industrial use.

**Skin Protection:** Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene.

**Respiratory Protection:** No respiratory protection required under normal conditions of use.

**General Hygiene Considerations:** It is good practice to avoid contact with the product and/or vapor, mists or dust by using appropriate protective measures. Wash thoroughly after handling and before eating or drinking

## Material Safety Data Sheet

Product Name: BURN IN STICK BIRCH FOR KIT ONLY

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### **Section 9: Physical and Chemical Properties**

Physical State:	Solid
Odor:	None to Very Faint
Odor Threshold:	Not determined.
pH:	Not determined.
Freezing Point:	Not determined.
Boiling Point:	Not determined.
Flash Point (°F):	Will not flash under standard closed-cup test conditions
Evaporation Rate:	Not determined.
Flammability (solid, gas):	Not determined.
Upper Flammability Limit:	Not determined.
Lower Flammability Limit:	Not determined.
Vapor Pressure:	Not determined.
Vapor Density:	Not determined.
Specific Gravity:	1.22
Weight per Gallon (lbs):	10.15
Solubility (water):	Not determined.
Partition Coefficient (n-octanol/water):	Not determined.
Auto-ignition Temperature:	Not determined.
MIR Value:	Not applicable.
Coating VOC g/l:	0
Coating VOC lbs/gal:	0
Material VOC g/l:	0
Material VOC lbs/gal:	0
Solids VOL%:	100
Solids WT %:	100

VOC data per US EPA guidelines. Some states and localities have guidelines more stringent than federal regulations.

### **Section 10: Stability and Reactivity**

Stability: Stable under normal conditions.

Conditions to Avoid  
/Incompatible Materials: N/A

Hazardous Decomposition  
Products: N/A

## Material Safety Data Sheet

Product Name: BURN IN STICK BIRCH FOR KIT ONLY

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### **Section 11: Toxicology Information**

Chemical	CAS	IARC	NTP
epoxy resin	25036-25-3		
epoxy resin	25068-38-6		
titanium dioxide	13463-67-7		
modified base epoxy	proprietary		
aluminum hydroxide	21645-51-2		
iron oxide	1309-37-1		
barium sulfate	7727-43-7		
manganese oxide	1317-34-6		
magnesium silicate hydrate	14807-96-6		
pigment yellow 151	31837-42-0		
crystalline silica	14808-60-7		*
carbon black	1333-86-4		
benzene	71-43-2		*

Toxicological evaluation of this product as a whole has not been performed. Individual components that are potential or known carcinogens are listed above.

### **Section 12: Ecological Information**

Ecological evaluation of this material has not been performed; however, do not allow the product to be released to the environment without governmental approval/permits.

### **Section 13: Disposal Considerations**

Waste from this material may be a listed and/or characteristic hazardous waste. Dispose of material, contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

### **Section 14: Transportation Information**

DOT Basic description: NOT RESTRICTED

See 49 CFR 172.101 for Special Provisions, Packaging, and Quantity Limitations.

## Material Safety Data Sheet

**Product Name:** BURN IN STICK BIRCH FOR KIT ONLY

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### Section 15: Regulatory Information

Chemical Name	CAS	CERCLA	CERCLA RQ	EPCRA EHS	EPCRA TPQ	SARA 313	TSCA	DSL	EINECS	Proposition 65	WHMIS
epoxy resin	25036-25-3						*	*			
epoxy resin	25068-38-6						*	*			
titanium dioxide	13463-67-7						*	*	*		
modified base epoxy	proprietary										
aluminum hydroxide	21645-51-2						*	*	*		
iron oxide	1309-37-1						*	*	*		*
barium sulfate	7727-43-7						*	*	*		
manganese oxide	1317-34-6						*	*	*		
magnesium silicate hydrate	14807-96-6						*	*	*		
pigment yellow 151	31837-42-0						*	*	*		
crystalline silica	14808-60-7						*	*	*	*	*
carbon black	1333-86-4						*	*	*	*	*
benzene	71-43-2	*	10 LBS			*	*	*	*	*	*

### Section 16: Other Information

IMPORTANT: WHILE THE DESCRIPTIONS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU PERFORM AN ASSESSMENT TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED, DATA OR INFORMATION SET FORTH. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, OR DATA PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, THE DESCRIPTIONS, DATA AND INFORMATION FURNISHED HEREUNDER ARE GIVEN GRATIS. NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DATA AND INFORMATION GIVEN ARE ASSUMED. ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

## Material Safety Data Sheet

Product Name: BURN IN STICK BIRCH FOR KIT ONLY

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**HMIS Codes**      **Health** <sup>2</sup>      **Flammability** <sup>1</sup>      **Reactivity** <sup>0</sup>

### Key to Abbreviations:

*	Item appears on indicated list (or inventory)
ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service Registry Number
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLA RQ	CERCLA Reportable Quantity
CFR	Code of Federal Regulations
CPR	Cardiopulmonary resuscitation
DSL	Domestic Substances List of Canada
EINECS	European Inventory of Existing Chemical Substances
EPCRA	Emergency Planning and Community Right-to-know Act
EPCRA EHS	EPCRA Extremely Hazardous Substance
EPCRA TPQ	EPCRA Threshold Planning Quantity
°F	Fahrenheit degrees
g/l	Grams per liter
gal	Gallons
IARC	International Agency for Research on Cancer
lbs or LBS	Pounds
MGM3	Milligrams per cubic meter
MIR	Maximum Incremental Reactivity
MSDS	Material Safety Data Sheet
NIOSH	National Institute of Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PPM	Parts per million
Proposition 65	California's Safe Drinking Water and Toxic Enforcement Act
SARA	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
VOL	Volume
WT	Weight
WHMIS	Canadian Workplace Hazardous Materials Information System
UN	United Nations