

PHONE NO. : 0711715362

Feb: WAUWATOSA / IDC / NASHOTAH

WOOD FILLER - COFFMAN
SH-113

11/03

TECHNICAL DATA

No. TD : WF-003
Revision : 01
Effective Date : 10/05/99

ORIGINAL

Import Primer

WOOD FILLER SH - 113

WOOD FILLER SH - 113 is a nitrocellulose based filler, which is designed for filling the wooden pores. This product is designed to provide natural color to wood surface. It has the following characteristics: easy to apply, fast drying, and easy to sand. It is suitable for furniture or interior wooden part with transparent finish.

PRODUCT SPECIFICATION

Type : Nitrocellulose
Appearance : Colored Paste
Color : Oak, Ramin, Sungkai, Teak
Solid content by weight : 65 - 70%
Specific Gravity : 1.48 - 1.54 g/cc
Flash Point : 23°C

APPLICATION

Application condition : 25 - 35°C, 60 - 80%RH
Application method : Spatula, wiping (special for hand craft)
Substrate : Oak, Ramin, Sungkai, Teak, or other wood
Thinner : Thinner Serba Guna Pro
Thinning ratio by volume : Thinner is used if necessary
Pot life of mixture : N/A
Theoretical coverage : 9 m²/kg at ca 110 g/m²

FILM PROPERTIES

Drying time : 2 - 5 minutes
Dust Free : 20 - 30 minutes
Tack Free : 30 - 60 minutes
Sanding Time : wet on dry = after 30 minutes
Repeating time : After 30 minutes
Stacking time : GT = 0-1
Adhesion on Sungkai : GT = 0-1

*Johandi
Tech. Sp*



11/03

Glue

MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

DATE OF PREP: JULY 10, 1998

SECTION I	
MANUFACTURER'S NAME:	SOUTHERN RESIN, INC.
STREET ADDRESS:	3440 DENTON ROAD THOMASVILLE, NC 27360
EMERGENCY TELEPHONE #	910-475-1348
PRODUCT CLASS:	VINYL COPOLYMER RESIN EMULSION ADHESIVE
TRADE NAME:	PRO-BOND
	MANUFACTURER'S CODE IDENTIFICATION PB-3250

SECTION II - HAZARDOUS INGREDIENTS				
INGREDIENT	PERCENT	EXPOSURE LIMITS	LEL	VAPOR PRESSURE
VINYL ACETATE (CAS #108-05-4)	AVG. = 0.4			
FORMALDEHYDE (CAS #50-00-0)	<0.1			

SECTION III - PHYSICAL DATA			
BOILING RANGE: 98° - 103°C. (208° - 217°F.)	VAPOR DENSITY _ HEAVIER X LIGHTER THAN AIR		
EVAPORATION RATE _ FASTER X SLOWER THAN ETHER	PERCENT VOLATILE	WEIGHT PER	
	BY VOLUME: 52%	GALLON:	9.1 LBS.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA		
DOT CATEGORY: ADHESIVE, NOIBN	FLASH POINT N/A	LEL N/A
EXTINGUISHING MEDIA: N/A		
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A		
SPECIAL FIRE FIGHTING PROCEDURES: N/A		

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SECTION V – HEALTH HAZARD DATA

EXPOSURE LIMITS: N/A

EFFECTS OF OVEREXPOSURE:

Irritation of eyes and upper respiratory passages; skin irritation.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air.

SKIN CONTACT: Flush with water.

EYE CONTACT: Flush with large amounts of water, contact physician. Get medical attention for unusual exposures.

SECTION VI – REACTIVITY DATA

STABILITY UNSTABLE STABLE

CONDITIONS TO AVOID: N/A

INCOMPATIBILITY (Materials to avoid) N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR

CONDITIONS TO AVOID: N/A

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Clean up into suitable container. Mop up, flush with water.

WASTE DISPOSAL METHOD: In accordance with federal and/or state regulations for solid waste disposal.

SECTION VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not normally required.

VENTILATION: Normal ventilation generally adequate.

PROTECTIVE EQUIPMENT OF CLOTHING REQUIRED: Rubber, neoprene, or plastic recommended.

EYE PROTECTION: Goggles or safety glasses to avoid splashes.

OTHER PROTECTIVE EQUIPMENT: None required.

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep from freezing.

OTHER PRECAUTIONS: Store at room temperature. Keep containers closed to prevent drying out. Avoid contamination. Do not mix with other adhesives.

BESSE VENEERS, INC.
 C.B.T. DIVISION
 931 S. ROOSEVELT AVENUE
 PHONE: (937) 773-4914 • FAX: (937) 773-0051

MATERIAL SAFETY DATA SHEET

TRADE NAME: WOOD AND WOOD PRODUCTS

SYNONYMS: NONE

CAS NO.: NONE

DESCRIPTION:

PARTICLES GENERATED BY ANY MANUAL OR MECHANICAL CUTTING OR ABRASION PROCESS

PERFORMED ON WOOD

1.0 PHYSICAL DATA

BOILING POINT	NOT APPLICABLE	VAPOR PRESSURE	NOT APPLICABLE
SPECIFIC GRAVITY	VARIABLE (DEPENDENT ON WOOD SPECIES & MOISTER CONTENT)	SOLUBILITY IN WATER (%BY WT.)	INSOLUBLE
VAPOR DENSITY:	NOT APPLICABLE	EVAPORATION RATE (BUTYLACETATE = 1)	NOT APPLICABLE
%VOLATILE BY VOL	NOT APPLICABLE	PH	NOT APPLICABLE
MELTING POINT	NOT APPLICABLE	APPEARANCE AND ODOR	LIGHT TO DARK COLOR GRANULAR SOLID. COLOR AND ODOR ARE DEPENDENT ON THE WOOD SPECIES AND TIME SINCE DUST WAS GENERATED

2.0 FIRE AND EXPLOSION DATA

FLASH POINT	NOT APPLICABLE	EXTINGUISHING MEDIA	WATER CARBON DIOXIDE SAND
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WAUWATOSA / IDC / NASHOTAH
 WOOD DUST / VENEER - KAROMA

AUTOCOMBUSTION TEMPERATURE	VARIABLE (TYPICALLY 400 - 500 F)	SPECIAL FIRE FIGHTING PROCEDURES	USE WATER TO SET DOWN DUST TO REDUCE THE LIKELIHOOD OF IGNITION. DISPERSION OF DUST INTO THE AIR. REMOVE BURNED OR WET DUST TO OPEN AREA AFTER FIRE IS EXTINGUISHED.
EXPLOSIVE LIMITS IN AIR	40 GRAMS/M ³ (LEL)	UNUSUAL FIRE & EXPLOSION HAZARD	WOOD DUST IS A STRONG TO SEVERE EXPLOSION HAZARD IF A DUST "CLOUD" CONTACTS AN IGNITION SOURCE

3.0 HEALTH EFFECTS INFORMATION

EXPOSURE LIMIT	ACGIH TLV : TWA - 5.0 MG/M ³ ; STEL (15 MIN.) - 10.0 MG/M ³ (SOFTWOOD); TWA - 1.0 MG/M ³ (WOOD DUST OF CERTAIN HARDWOODS SUCH AS BEECH AND OAK)
OSHA PELs:	TWA - 15.0 MG/M ³ (TOTAL DUST); 5.0 MG/M ³ (RESPIRABLE FRACTION)
SKIN AND EYE CONTACT	WOOD DUST CAN CAUSE EYE IRRITATION. VARIOUS SPECIES OF WOOD DUST CAN ELICIT ALLERGIC CONTACT DERMATITIS IN SENSITIZED INDIVIDUALS
INGESTION	NOT APPLICABLE
SKIN ABSORPTION	NOT KNOWN TO OCCUR
INHALATION	MAY CAUSE NASAL DRYNESS IRRITATION AND OBSTRUCTION COUGHING WHEEZING AND SNEEZING SINUSITIS AND PROLONGED COLDS HAVE ALSO BEEN REPORTED
CHRONIC EFFECTS	WOOD DUST, DEPENDING ON SPECIES, MAY CAUSE DERMATITIS ON PROLONGED, REPETITIVE CONTACT; MAY CAUSE RESPIRATORY SENSITIZATION AND/OR IRRITATION. IARC CLASSIFIES WOOD DUST AS A CARCINOGEN TO HUMANS (GROUP I). THIS CLASSIFICATION IS BASED PRIMARILY ON IARC'S EVALUATION OF INCREASED RISK IN THE OCCURRENCE OF ADENOCARCINOMAS OF THE NASAL CAVITIES AND PARAMASAL SINUSES ASSOCIATED WITH EXPOSURE TO WOOD DUST. IARC DID NOT FIND SUFFICIENT TO ASSOCIATE CANCERS OF THE OROPHARYNX, HYPOPHARYNX, LUNG, LYMPHATIC AND HEMATOPOIETIC SYSTEMS, STOMACH, COLON, OR RECTUM WITH EXPOSURE TO WOOD DUST

4.0 REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY	STABLE UNDER NORMAL CONDITIONS
INCOMPATIBILITY	AVOID CONTACT WITH OXIDIZING AGENTS AND DRYING OILS. AVOID OPEN FLAME. PRODUCT MAY IGNITE AT TEMPERATURES IN EXCESS OF 400 F

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PRODUCTS	COMPOSITION	THERMAL OXIDATION DEGRADATION OF WOOD PRODUCTS FUMES AND GASES, INCLUDING CO, ALDEHYDES,	ES IRRITATING AND TOXIC ORGANIC ACIDS
CONDITIONS CONTRIBUTING TO POLYMERIZATION		NOT APPLICABLE	

5.0 PRECAUTIONS AND SAFE HANDLING

- AVOID EYE CONTACT
- AVOID REPEATED OR PROLONG CONTACT OF WOOD DUST WITH SKIN. CAREFUL BATHING AND CLEAN CLOTHES ARE INDICATED AFTER EXPOSURE
- AVOID PROLONGED OR REPEATED BREATHING OF WOOD DUST IN THE AIR
- AVOID CONTACT WITH OXIDIZING AGENTS AND DRYING OILS
- AVOID OPEN FLAME

6.0 GENERALLY APPLICABLE CONTROL MEASURES

- VENTILATION: PROVIDE ADEQUATE GENERAL AND LOCAL EXHAUST VENTILATION TO MAINTAIN HEALTHFUL WORKING CONDITIONS
- WEAR GOGGLES OR SAFETY GLASSES. OTHER PROTECTIVE EQUIPMENT SUCH AS GLOVES AND APPROVED DUST RESPIRATORS MAY BE DEPENDING UPON DUST CONDITIONS

7.0 EMERGENCY FIRST AID PROCEDURES

EYES	FLUSH WITH WATER TO REMOVE DUST PARTICLES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION
SKIN	IF A RASH OR PERSISTENT IRRITATION OR DERMATITIS OCCUR, GET MEDICAL ADVICE WHERE APPLICABLE BEFORE RETURNING TO WORK WHERE WOOD DUST IS PRESENT
INHALATION	REMOVE TO FRESH AIR. IF PERSISTENT IRRITATION, SEVERE COUGHING, OR BREATHING DIFFICULTIES OCCUR, GET MEDICAL ADVICE BEFORE RETURNING TO WORK WHERE WOOD DUST IS PRESENT
INGESTION	NOT APPLICABLE

8.0 SPILL/LEAK CLEAN UP PROCEDURES

- PROCEDURES IF MATERIAL IS SPILLED OR LEAKED:
 - SWEEP OR VACUUM SPILLS FOR RECOVERY OR DISPOSAL
 - AVOID CREATING DUST CONDITIONS
 - PROVIDED GOOD VENTILATION WHERE DUST CONDITIONS MAY OCCUR
 - PLACE RECOVERED WOOD DUST IN A CONTAINER FOR PROPER DISPOSAL

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