

2/26/2018

Here is a description to clarify the documentation for the glue-laminated timbers.

Altruwood- harvests and mills wood to be laminated, sends to Alamco

Alamco - glues the timbers together using the 4 Mumentive chemicals, sends to Galyon

Galyon – cuts to length and drills holes for bolts, sends to Hoover

Hoover - treats wood with UC Coatings Anchor Seal 2, sends to the site

Note: the subcontractor worked with Galyon as the distributor. Normally, it would have gone back to Galyon after Hoover treated the wood to stain the glulams. Instead, the glulams were stained onsite by the subcontractor. The stain used was Sherwin Williams SuperDeck; the documentation is included in spec section 099300.

Certificate SGSNA-COC-001911 SGS-COC-001911

The management system of

AltruWood, Inc. dba AltruFir

917 SW Oak Street,
320, Portland, OR, 97205, United States

has been assessed and certified as meeting the requirements of

Chain-of-Custody

The company was assessed against the following standards:
FSC-STD-40-004 V.2-1 Standard for COC Certification – October 2011

for the products detailed in the scope below:

Purchase of FSC 100% and FSC Mix lumber, flooring, plywood, shingles, and shakes; and the sale (transfer system)(outsourcing) of FSC 100% and Mix lumber, flooring, plywood, shingles, and shakes.

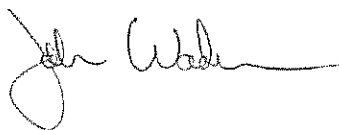
This certificate is valid from 23 May 2014 until 22 May 2019
and remains valid subject to satisfactory surveillance audits.
Recertification audit due a minimum of 60 days before the expiration date.

Issue 6 : 27 May 2014.

Certified since June 2009

SGS Ref # SGS-COC-1911

Authorized by



John Woodman
Senior Vice President SSC, North America
SGS Systems & Services Certification, a Division of SGS North America, Inc.
201 Route 17 North, Rutherford, NJ 07070, USA
t (201) 508-3000 f (201) 935-4555 www.us.sgs.com

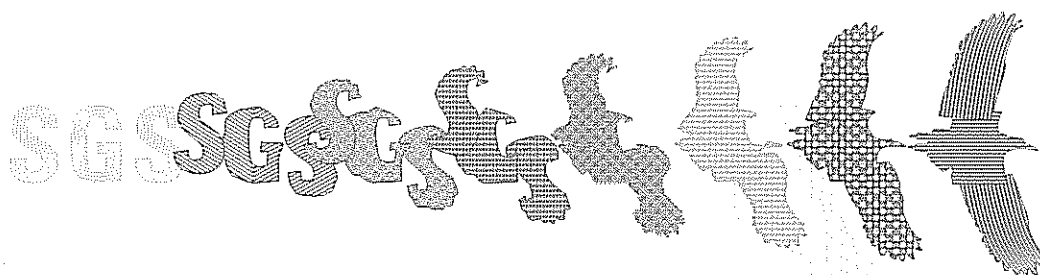
The validity of this certificate shall be verified on <http://info.fsc.org/>
For the full list of product groups covered by the certificate see <http://info.fsc.org/>
This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC-certified (or FSC Controlled Wood).
Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents

This certificate remains the property of SGS and shall be returned upon request.

Page 1 of 1



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Forest Stewardship Council A.C.
FSC-ACC-030



Rainforest Alliance

ALAMCO WOOD PRODUCTS LLC

1410 W. NINTH STREET
ALBERT LEA, MINNESOTA 56007

IS CERTIFIED FOR FOREST STEWARDSHIP COUNCIL™ CHAIN OF CUSTODY

Certificate Scope

Certificate Type: Single Chain of Custody

Standard(s): FSC-STD-40-004 V2-1

Product group(s): Beams

Valid from April 9, 2013 to April 8, 2018

Certificate Registration Code: RA-COC-003119

FSC License Code: FSC-C002627

Certificate Issue Number: IN-2013-1

Additional details regarding the scope, including a full list of products and species, are available at info.fsc.org.



Joshua Tosteson, RA-Cert Director
Rainforest Alliance
665 Broadway, Suite 500 New York, NY 10012 USA

RAINFOREST ALLIANCE IS AN ACCREDITED FSC® CERTIFICATION BODY

The validity of this certificate shall be verified on info.fsc.org. This certificate does not constitute evidence that a particular product supplied by the certificate holder is FSC certified and/or FSC Controlled Wood. Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents.

This certificate is the property of Rainforest Alliance. This certificate and all copies or reproductions of this certificate shall be returned or destroyed if requested by Rainforest Alliance.

**ACCREDITED
FSC-ACC-004**

Version March 2012



SCS Global Services does hereby certify that an independent audit has been completed and conformity to the applicable standard(s) has been confirmed for:

Galyon Timber and Glulam, Inc.

4635 Newcom Ave., Knoxville, TN 37919, United States

This certificate covers the production and distribution of commercial construction materials using the transfer system.

The facility(s) are hereby Chain of Custody certified to sell products as:

FSC 100%, FSC Mix

The assessment has been conducted by Scientific Certification Systems (SCS) in accordance with the rules of the Forest Stewardship Council® A.C. (FSC®).

FSC Standard: FSC-STD-40-004 V2-1; FSC-STD-50-001 V1-2

Certificate Code: SCS-COC-004140 Trademark License Code: FSC-C110333

Valid from: 14 March 2017 Expiry date: 13 March 2022

This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC-certified (or FSC Controlled Wood where applicable). Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on sales and delivery documents. The scope of this certificate is considered accurate on the date of issuance. The current validity and scope, including the full list of products, shall be verified on <http://info.fsc.org>. The certificate shall remain the property of SCS, and this certificate and all copies or reproductions of this certificate shall be returned to SCS immediately upon request.



The mark of
responsible forestry



Robert J. Hrubes, Ph.D., Executive Vice President
SCS Global Services
2000 Powell Street, Ste. 600, Emeryville, CA 94608 USA

CERTIFICATE

Information from 2017/09/26 - 17:22 UTC

Certificate Code SCS-COC-005470

Former Certificate Code RA-COC-002141

License Code FSC-C008396

MAIN ADDRESS

Name Hoover Treated Wood Products, Inc.

Address 154 Wire Road NW

Thomson

30824

Georgia

UNITED STATES

Website <http://www.frtw.com>

CONTACT(S)

Travis Hixon (706) 595-9855 x-180

thixon@frtw.com

CERTIFICATE DATA

Status Valid

First Issue Date 2007-01-08

Last Issue Date 2017-01-09

Expiry Date 2022-01-08

Standard FSC-STD-40-004 V2-1;FSC-STD-40-003 V2-1

VALID GROUP MEMBER/SITES

Site Subcode	Name	Street	Town/City	State/County	Postal Code	Country	Valid From	Valid To
SCS-COC-005470-B	Hoover Wood Treating - Arkansas	2901 Dixie Wood Drive	Pine Bluff	Arkansas	71602	UNITED STATES	2008-07-11	
SCS-COC-005470-C	Hoover Wood Treating - Georgia	266 Wire Road	Thomson	Georgia	30824	UNITED STATES	2008-07-11	

Site Subcode	Name	Street	Town/City	State/County	Postal Code	Country	Valid From	Valid To
SCS-COC-005470-D	Hoover Wood Treating - Michigan	7500 East Davidson Avenue	Detroit	Michigan	48212	UNITED STATES	2008-07-11	
SCS-COC-005470-F	Hoover Wood Treating - Oregon	303 Dillard Gardens Road	Winston	Oregon	97496	UNITED STATES	2008-07-11	
SCS-COC-005470-G	Hoover Wood Treating - Pennsylvania	385 Waterway Rd.	Oxford	Pennsylvania	19363	UNITED STATES		
SCS-COC-005470-E	Hoover Wood Treating - Virginia	18315 House Drive	Millford	Virginia	22514	UNITED STATES	2008-07-11	


PRODUCTS

Product Type	Trade Name	Species	Primary Activity	Secondary Activity	Main Output Category
W6 Products from planing mill W6.1 Dimensional lumber, finished		Abies amabilis; Abies concolor; Abies grandis; Abies magnifica; Abies procera; Picea abies; Pinus taeda; Pseudotsuga menziesii; Thuja plicata; Tsuga heterophylla (Raf.) Sarg	Secondary Processor		FSC Mix
W4 Impregnated/treated wood W4.3 Treated dimensional lumber, plywood		Abies amabilis; Abies concolor; Abies grandis; Abies magnifica; Abies procera; Picea abies; Pinus taeda; Pseudotsuga menziesii; Thuja plicata; Tsuga heterophylla (Raf.) Sarg	Secondary Processor		FSC Mix

DOCUMENTS

No documents found.

4 chemicals from Momentive to adhere timbers together, see pages 8-22

							
Division Number 61800		Gulf State Park Interpretive Center LBC Product Data Reporting Form					
Product Manufacturer:		Momentive Specialty Chemicals					
Product Name/Number:		Cascoet FM-6210					
Manufacturer Contact							
Name:							
Email:		4information@momentive.com					
Phone Number:							
% Recyclable:		0					
Recycled Content:		% Post:	0	% Pre:	0		
Point of Raw Material Extraction (city, state, country if outside of US):							
Manufacturer/Final Point of Assembly (city, state, country if outside of US):		Columbus, OH					
Place of Purchase (city, state, country if outside of US):							
Product Hard Cost:		Proprietary					
Ingredients/Components							
This list includes any components of a product and must add to 100%. e.g. A light fixture would have steel housing, acrylic lens, electrical components (RoHS), etc. A table may have FSC certified wood, metal screws, etc. A sealant may have some different chemicals that you must break down here.							
	Component/Ingredient	Material % (must add to 100%)	RoHS	Part Number	CAS Number		
<i>Example</i>	Steel housing	40%	NA	G12 A FL UNV	65997-19-5		
<i>Example</i>	Electrical components	10%	Yes				
Component 1	Paraformaldehyde	50%			30525-89-4		
Component 2	Walnut Shell Flour	10%					
Component 3	Silica	10%			7631-86-9		
Component 4	Aluminum Oxide	5%			1344-28-1		
Component 5	Wood Flour	5%					
Component 6	Formaldehyde	5%			50-00-0		
Component 7	Citric Acid	5%			77-92-9		
Component 8	Magnesium Oxide	4%			1309-48-4		
Component 9	Silica, Amorphous, Fumed, Cryst.-Free	4%			112945-52-5		
Component 10	Quartz (SiO2)	1%			14808-60-7		
Component 11	Titanium Dioxide	1%			13463-67-7		
	Total (must add to 100%)	100%					
Does your product contain any Red List items (Tab 3)?		Yes					
Certified Wood %:							
Chain of Custody (for product and millworker):							
Is your product wet applied in the field Y/N?		No					
If yes, does product meet SCAQMD 1168 or CARB 2007 SCM (VOCs)?		N/A					
If no, does your product contain any solvents on Tab 2?		No					
Is your product CDPH compliant (Method V1.1-2010 or equivalent)? (See Tab 4 & attach documentation)		Yes					
Applies to paints & coatings, adhesives & sealants, flooring, furniture, insulation, ceiling systems, ceramic tile, wall coverings, wood paneling.							
Compliant certifications: Green Label, Green Label Plus, SCS Indoor Advantage Gold, FloorScore, Collaborative for High Performance Schools (CHPS), Procedures and Standards for Product Inclusion Version, NSF 332, UL Greenguard Gold, UL 2818 and UL 2821							
Is your product salvaged or made from salvaged materials?		No					
Product Certifications:							
<input type="checkbox"/> Declare Label		<input type="checkbox"/> Other					
<input type="checkbox"/> FPD							
<input type="checkbox"/> HPD							
Additional Product Notes:							
<i>To be filled out by project team:</i>							
Notes:							

Material Safety Data Sheet

FOR INDUSTRIAL USE ONLY

Cascofet FM-6210

1. Product and company identification

Product name	Cascofet FM-6210
MSDS Number	000000104076
Product use	Wood Adhesives, Composites, Laminates or Related Board Products
Manufacturer, Importer, Supplier	Momentive Specialty Chemicals Inc. 180 East Broad Street Columbus OH 43215 4information@momentive.com
Print date	13-SEP-2012
Telephone	For Emergency Medical Assistance Call Health & Safety Information Services, 1-866-303-6949 For Emergency Transportation Information CHEMTREC US Domestic (800) 424-9300 CHEMTREC International (703) 527-3887 CANUTEC CA Domestic (613) 996-6666 For additional health and safety or regulatory information, call 1 888 443 9466 .

Part of the CASCO® Brand of Adhesives and Resins from Momentive Specialty Chemicals

2. Hazards identification

Form	Powder
Odor	Formaldehyde.
OSHA/HCS status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Emergency overview	DANGER ! COMBUSTIBLE DUST WHEN FINELY DIVIDED AND SUSPENDED IN AIR. FINE DUST CLOUDS MAY FORM EXPLOSIVE MIXTURES. PRODUCT CAN EXPLODE IF DUST CLOUD IS FORMED AND IGNITED. MINIMIZE AIRBORNE DUST. PREVENT DUST ACCUMULATION. ELIMINATE ALL FIRE/IGNITION SOURCES INCLUDING STATIC DISCHARGES NEAR PRODUCT/PACKAGE. REFER TO HANDLING SECTION 7 OF THE MSDS FOR MORE INFORMATION. TOXIC IF INHALED. HARMFUL IN CONTACT WITH SKIN OR IF SWALLOWED. CAUSES DIGESTIVE TRACT AND EYE BURNS. CAUSES RESPIRATORY TRACT AND SKIN IRRITATION. MAY CAUSE ALLERGIC RESPIRATORY AND SKIN REACTION.

Potential acute health effects

Inhalation	Irritating to respiratory system. May cause sensitization by inhalation. Toxic if inhaled.
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Ingestion	Harmful if swallowed. Corrosive to the digestive tract. Causes burns.
Skin	Harmful in contact with skin. Irritating to skin. May cause sensitization by skin contact.
Eyes	Corrosive to eyes. Causes burns.

Potential chronic health effects

Chronic effects	Contains material that can cause target organ damage. Some reports suggest that formaldehyde may cause respiratory sensitization, such as asthma, and that preexisting respiratory and skin disorders may be aggravated by exposure. Can cause fibrotic lung disease.
Carcinogenicity	Contains material which can cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.
Target organs	Contains material which causes damage to the following organs: kidneys, lungs, mucous membranes, upper respiratory tract, immune system, skin, eye, lens or cornea Review Section 2 and 11 for any additional assessments.

Over-exposure signs/symptoms

Inhalation	Adverse symptoms may include the following: respiratory tract irritation, coughing, wheezing and breathing difficulties, asthma,
Ingestion	Adverse symptoms may include the following: stomach pains, nausea or vomiting, unconsciousness, convulsion,
Skin	Adverse symptoms may include the following: irritation, redness,
Eyes	Adverse symptoms may include the following: pain, watering, redness,
Medical conditions aggravated by over-exposure	Pre-existing respiratory and skin disorders and disorders involving any other target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

See section 11 for more detailed information on health effects and symptoms.

3. Composition/Information on ingredients

<u>Ingredient name</u>	<u>CAS number</u>	<u>WT %</u>
Paraformaldehyde	30525-89-4	50.0 - 70.0
Walnut Shell Flour		10.0 - 30.0
Silica	7631-86-9	10.0 - 30.0
Aluminum Oxide	1344-28-1	1.0 - 5.0
Wood Flour		1.0 - 5.0
Formaldehyde	50-00-0	1.0 - 5.0
Citric Acid	77-92-9	1.0 - 5.0
Magnesium Oxide	1309-48-4	1.0 - 5.0
Silica, Amorphous, Fumed, Cryst.-Free	112945-52-5	1.0 - 5.0
Quartz (SiO ₂)	14808-60-7	0.1 - 1.0

*** Any applicable Canadian trade secret numbers will be listed in Section 15.*

4. First aid measures

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Chemical burns must be treated promptly by a physician. Get medical attention immediately.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.
Inhalation	Move exposed person to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately. In the event of any complaints or symptoms, avoid further exposure.
Ingestion	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Protection of first aid personnel	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
Notes to physician	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

Flammability of the product	Fine dust clouds may form explosive mixtures with air. Combustible solid that burns. Eliminate all fire/ignition sources including static discharges near product/package. Keep away from heat, hot surfaces, sparks, and flame.
<u>Extinguishing media</u>	
Suitable	Use water spray or mist, dry chemical, foam or CO ₂ .
Not suitable	Do not use water jet.
Special exposure hazards	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed



Division Number	Project Name						
	LBC Product Data Reporting Form						
Product Manufacturer:		Momentive Specialty Chemicals					
Product Name/Number:		Cascophen LT-5212					
Manufacturer Contact							
Name:							
Email:		4information@momentive.com					
Phone Number:							
% Recyclable:		0					
Recycled Content:		% Post:	0	%Pre:	0		
Point of Raw Material Extraction (city, state, country if outside of US):							
Manufacturer/Final Point of Assembly (city, state, country if outside of US):		Columbus, OH					
Place of Purchase (city, state, country if outside of US):							
Product Hard Cost:		Proprietary					
Ingredients/Components							
This list includes any components of a product and must add to 100%. e.g. A light fixture would have steel housing, acrylic lens, electrical components (RoHS), etc. A table may have FSC certified wood, metal screws, etc. A sealant may have some different chemicals that you must break down here.							
	Component/Ingredient	Material % (must add to 100%)	RoHS	Part Number	CAS Number		
Example	Steel housing	40%	NA	G12 A FL UNV	65997-19-5		
Example	Electrical components	10%	Yes				
Component 1	Resorcinol	10%			108-46-3		
Component 2	Phenol	10%			108-95-2		
Component 3	Ethanol	5%			64-17-5		
Component 4	Sodium Hydroxide	5%			1310-73-2		
Component 5	Non-Disclosed Non-Hazardous Ingredients	70%					
Component 6							
Component 7							
Component 8							
Component 9							
Component 10							
Component 11							
Total (must add to 100%)		100%					
Does your product contain any Red List items (Tab 3)?		Yes					
Certified Wood %:							
Chain of Custody (for product and millworker):							
Is your product wet applied in the field Y/N?				No			
If yes, does product meet SCAQMD 1168 or CARB 2007 SCM (VOCs)?				N/A			
If no, does your product contain any solvents on Tab 2?				No			
Is your product CDPH compliant (Method V1.1-2010 or equivalent)? (See Tab 4 & attach documentation)				Yes			
Applies to paints & coatings, adhesives & sealants, flooring, furniture, insulation, ceiling systems, ceramic tile, wall coverings, wood paneling.							
Compliant certifications: Green Label, Green Label Plus, SCS Indoor Advantage Gold, FloorScore, Collaborative for High Performance Schools (CHPS), Procedures and Standards for Product Inclusion Version, NSF 332, UL Greenguard Gold, UL 2818 and UL 2821							
Is your product salvaged or made from salvaged materials?				No			
Product Certifications:							
<input type="checkbox"/> Declare Label		<input type="checkbox"/> Other					
<input type="checkbox"/> EPD							
<input type="checkbox"/> HPD							
Additional Product Notes:							
To be filled out by project team:							
Notes:							

Material Safety Data Sheet

FOR INDUSTRIAL USE ONLY

Cascophen LT-5212

Revision Date 28-DEC-2011

1. Product and company identification

Product name	Cascophen LT-5212
MSDS Number	000000104570
Product Type	Phenol Resorcinol Formaldehyde Resin
Product use	Wood Adhesives, Composites, Laminates or Related Board Products
Manufacturer, Importer, Supplier	Momentive Specialty Chemicals Inc. 180 East Broad Street Columbus OH 43215 4information@momentive.com
Print date	05-SEP-2013
Telephone	For Emergency Medical Assistance Call Health & Safety Information Services, 1-866-303-6949 For Emergency Transportation Information CHEMTREC US Domestic (800) 424-9300 CHEMTREC International (703) 527-3887 CANUTEC CA Domestic (613) 996-6666

For additional health and safety or regulatory information, call 1 888 443 9466 .

Part of the CASCO® Brand of Adhesives and Resins from Momentive Specialty Chemicals

2. Hazards identification

Form	Liquid
Odor	Slight alcoholic
OSHA/HCS status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Emergency overview	DANGER ! COMBUSTIBLE LIQUID AND VAPOR. MAY FORM EXPLOSIVE MIXTURES WITH AIR. CAUSES SEVERE RESPIRATORY TRACT BURNS. INHALATION CAUSES HEADACHES, DIZZINESS, DROWSINESS AND NAUSEA AND MAY LEAD TO UNCONSCIOUSNESS. CAUSES EYE IRRITATION. CONTAINS MATERIAL THAT CAN CAUSE TARGET ORGAN DAMAGE. INHALATION CAN CAUSE CENTRAL NERVOUS SYSTEM (CNS) EFFECTS.

Potential acute health effects

Inhalation	Can cause central nervous system (CNS) depression. Severely corrosive to the respiratory system. Can cause central nervous system (CNS) effects.
Ingestion	Can cause central nervous system (CNS) depression. May cause burns to mouth, throat and stomach.
Skin	May cause irritation on prolonged or repeated contact. May cause skin irritation.
Eyes	Severely irritating to eyes. Risk of serious damage to eyes. Direct contact with the eyes can cause irreversible damage, including blindness.

Potential chronic health effects

Chronic effects Contains material that can cause target organ damage. Signs and symptoms of chronic phenol poisoning may include vomiting, difficulty in swallowing, diarrhea, lack of appetite, jaundice, fatigue, bleeding or easy bruising and sometimes pain and swelling in the upper right abdomen, changes in urine output or dark urine, pain upon urination or in the lower back, or general edema. Can also cause cardiac damage evidenced by shortness of breath and in severe cases cardiac arrest. Preexisting medical conditions of the heart, kidney, liver, lung, eyes and skin may be aggravated by exposure.

Carcinogenicity No known significant effects or critical hazards.

Mutagenicity No known significant effects or critical hazards.

Teratogenicity No known significant effects or critical hazards.

Developmental effects No known significant effects or critical hazards.

Fertility effects No known significant effects or critical hazards.

Target organs Contains material which causes damage to the following organs: blood, kidneys, liver, heart, spleen, skin, eyes, central nervous system (CNS), thyroid, Review Section 2 and 11 for any additional assessments.

Over-exposure signs/symptoms

Inhalation Adverse symptoms may include the following: nausea or vomiting, respiratory tract irritation, coughing, headache, drowsiness/fatigue, dizziness/vertigo, unconsciousness, cyanosis, motor difficulties, convulsion, confusion,

Ingestion Adverse symptoms may include the following: nausea or vomiting, dizziness/vertigo, drowsiness/fatigue, headache, unconsciousness,

Skin No specific data.

Eyes Adverse symptoms may include the following: pain or irritation, watering, redness,

Medical conditions aggravated by over-exposure Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

See section 11 for more detailed information on health effects and symptoms.

3. Composition/Information on ingredients

<u>Ingredient name</u>	<u>CAS number</u>	<u>WT %</u>
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Resorcinol	108-46-3	5.0 - 10.0
Phenol	108-95-2	5.0 - 10.0
Ethanol	64-17-5	1.0 - 5.0
Sodium Hydroxide	1310-73-2	1.0 - 5.0

*** Any applicable Canadian trade secret numbers will be listed in Section 15.*

4. First aid measures

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Chemical burns must be treated promptly by a physician. Get medical attention immediately.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.
Inhalation	Move exposed person to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
Ingestion	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Protection of first aid personnel	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. If it is suspected that dust, vapor, mist or gas are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus.
Notes to physician	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

Flammability of the product	Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.
<u>Extinguishing media</u>	
Suitable	Use dry chemical, CO ₂ , water spray (fog) or foam.
Not suitable	Do not use water jet.
Special exposure hazards	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed



Division Number	61800		Gulf State Park Interpretive Center		LBC Product Data Reporting Form				
Product Manufacturer:		Momentive Specialty Chemicals							
Product Name/Number:		Cascoset G-1131-B/DF3566/100#							
Manufacturer Contact									
Name:									
Email:		4information@momentive.com							
Phone Number:									
% Recyclable:		0							
Recycled Content:		% Post:		0		%Pre:		0	
Point of Raw Material Extraction (city, state, country if outside of US):									
Manufacturer/Final Point of Assembly (city, state, country if outside of US):		Columbus, OH							
Place of Purchase (city, state, country if outside of US):									
Product Hard Cost:		Proprietary							
Ingredients/Components									
This list includes any components of a product and must add to 100%. e.g. A light fixture would have steel housing, acrylic lens, electrical components (RoHS), etc. A table may have FSC certified wood, metal screws, etc. A sealant may have some different chemicals that you must break down here.									
	Component/Ingredient	Material % (must add to 100%)	RoHS	Part Number	CAS Number				
Example	Steel housing	40%	NA	G12 A FL UNV	65997-19-5				
Example	Electrical components	10%	Yes						
Component 1	Paraformaldehyde	60%			30525-89-4				
Component 2	Walnut Shell Flour	35%							
Component 3	Formaldehyde	5%			50-00-0				
Component 4									
Component 5									
Component 6									
Component 7									
Component 8									
Component 9									
Component 10									
Component 11									
Total (must add to 100%)		100%							
Does your product contain any Red List items (Tab 3)?		Yes							
Certified Wood %:									
Chain of Custody (for product and millworker):									
Is your product wet applied in the field Y/N?				No					
If yes, does product meet SCAQMD 1168 or CARB 2007 SCM (VOCs)?				N/A					
If no, does your product contain any solvents on Tab 2?				No					
Is your product CDPH compliant (Method V1.1-2010 or equivalent)? (See Tab 4 & attach documentation)				Yes					
Applies to paints & coatings, adhesives & sealants, flooring, furniture, insulation, ceiling systems, ceramic tile, wall coverings, wood paneling.									
Compliant certifications: Green Label, Green Label Plus, SCS Indoor Advantage Gold, FloorScore, Collaborative for High Performance Schools (CHPS), Procedures and Standards for Product Inclusion Version, NSF 332, UL Greenguard Gold, UL 2818 and UL 2821									
Is your product salvaged or made from salvaged materials?				No					
Product Certifications:									
<input type="checkbox"/> Declare Label		<input type="checkbox"/> Other							
<input type="checkbox"/> EPD									
<input type="checkbox"/> HPD									
Additional Product Notes:									
To be filled out by project team:									
Notes:									

Material Safety Data Sheet

FOR INDUSTRIAL USE ONLY

CASCOSET G-1131-B/DF3566/100#

1. Product and company identification

Product name	CASCOSET G-1131-B/DF3566/100#
MSDS Number	000000101653
Product Type	Catalyst - Paraformaldehyde
Product use	Wood Adhesives, Composites, Laminates or Related Board Products
Manufacturer, Importer, Supplier	Momentive Specialty Chemicals Inc. 180 East Broad Street Columbus OH 43215 4information@momentive.com
Print date	02-JAN-2013
Telephone	For Emergency Medical Assistance Call Health & Safety Information Services, 1-866-303-6949 For Emergency Transportation Information CHEMTREC US Domestic (800) 424-9300 CHEMTREC International (703) 527-3887 CANUTEC CA Domestic (613) 996-6666 For additional health and safety or regulatory information, call 1 888 443 9466 .

Part of the CASCO® Brand of Adhesives and Resins from Momentive Specialty Chemicals

2. Hazards identification

Form	Powder
Odor	Formaldehyde.
OSHA/HCS status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Emergency overview	DANGER ! COMBUSTIBLE DUST WHEN FINELY DIVIDED AND SUSPENDED IN AIR. FINE DUST CLOUDS MAY FORM EXPLOSIVE MIXTURES. PRODUCT CAN EXPLODE IF DUST CLOUD IS FORMED AND IGNITED. MINIMIZE AIRBORNE DUST. PREVENT DUST ACCUMULATION. ELIMINATE ALL FIRE/IGNITION SOURCES INCLUDING STATIC DISCHARGES NEAR PRODUCT/PACKAGE. REFER TO HANDLING SECTION 7 OF THE MSDS FOR MORE INFORMATION. TOXIC IF INHALED. HARMFUL IN CONTACT WITH SKIN OR IF SWALLOWED. CAUSES DIGESTIVE TRACT AND EYE BURNS. CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC RESPIRATORY AND SKIN REACTION. MAY CAUSE RESPIRATORY TRACT IRRITATION.

Potential acute health effects

Inhalation	Slightly irritating to the respiratory system. May cause sensitization by inhalation. Toxic if inhaled.
Ingestion	Harmful if swallowed. Corrosive to the digestive tract. Causes burns.
Skin	Harmful in contact with skin. Irritating to skin. May cause sensitization by skin contact.
Eyes	Corrosive to eyes. Causes burns.

Potential chronic health effects

Chronic effects	Contains material that may cause target organ damage, based on animal data. Some reports suggest that formaldehyde may cause respiratory sensitization, such as asthma, and that preexisting respiratory and skin disorders may be aggravated by exposure.
Carcinogenicity	Contains material which can cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.
Target organs	Review Section 2 and 11 for any additional assessments.

Over-exposure signs/symptoms

Inhalation	Adverse symptoms may include the following: respiratory tract irritation, coughing, wheezing and breathing difficulties, asthma,
Ingestion	Adverse symptoms may include the following: stomach pains, nausea or vomiting, unconsciousness, convulsion,
Skin	Adverse symptoms may include the following: irritation, redness,
Eyes	Adverse symptoms may include the following: pain, watering, redness,
Medical conditions aggravated by over-exposure	Pre-existing respiratory and skin disorders and disorders involving any other target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

See section 11 for more detailed information on health effects and symptoms.

3. Composition/Information on ingredients

Ingredient name	CAS number	WT %
Paraformaldehyde	30525-89-4	50.0 - 70.0
Walnut Shell Flour		30.0 - 50.0
Formaldehyde	50-00-0	1.0 - 5.0

*** Any applicable Canadian trade secret numbers will be listed in Section 15.*

4. First aid measures

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove
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Division Number	Project Name						
	LBC Product Data Reporting Form						
Product Manufacturer:		Momentive Specialty Chemicals					
Product Name/Number:		Cascophen™ G-1181A					
Manufacturer Contact							
Name:							
Email:		4information@momentive.com					
Phone Number:							
% Recyclable:		0					
Recycled Content:		% Post:	0	%Pre:	0		
Point of Raw Material Extraction (city, state, country if outside of US):							
Manufacturer/Final Point of Assembly (city, state, country if outside of US):		Columbus, OH					
Place of Purchase (city, state, country if outside of US):							
Product Hard Cost:		Proprietary					
Ingredients/Components							
This list includes any components of a product and must add to 100%. e.g. A light fixture would have steel housing, acrylic lens, electrical components (RoHS), etc. A table may have FSC certified wood, metal screws, etc. A sealant may have some different chemicals that you must break down here.							
	Component/Ingredient	Material % (must add to 100%)	RoHS	Part Number	CAS Number		
Example	Steel housing	40%	NA	G12 A FL UNV	65997-19-5		
Example	Electrical components	10%	Yes				
Component 1	Ethanol	30%			64-17-5		
Component 2	Resorcinol	30%			108-46-3		
Component 3	Methanol	5%			64-56-1		
Component 4	Ethyl Acetate	5%			141-78-6		
Component 5	Non-Disclosed Non-Hazardous Ingredients	30%					
Component 6							
Component 7							
Component 8							
Component 9							
Component 10							
Component 11							
Total (must add to 100%)		100%					
Does your product contain any Red List items (Tab 3)?		Yes					
Certified Wood %:							
Chain of Custody (for product and millworker):							
Is your product wet applied in the field Y/N?				No			
If yes, does product meet SCAQMD 1168 or CARB 2007 SCM (VOCs)?				N/A			
If no, does your product contain any solvents on Tab 2?				No			
Is your product CDPH compliant (Method V1.1-2010 or equivalent)?				Yes			
(See Tab 4 & attach documentation)							
Applies to paints & coatings, adhesives & sealants, flooring, furniture, insulation, ceiling systems, ceramic tile, wall coverings, wood paneling.							
Compliant certifications: Green Label, Green Label Plus, SCS Indoor Advantage Gold, FloorScore, Collaborative for High Performance Schools (CHPS), Procedures and Standards for Product Inclusion Version, NSF 332, UL Greenguard Gold, UL 2818 and UL 2821							
Is your product salvaged or made from salvaged materials?				No			
Product Certifications:							
<input type="checkbox"/> Declare Label		<input type="checkbox"/> Other					
<input type="checkbox"/> EPD							
<input type="checkbox"/> HPD							
Additional Product Notes:							
To be filled out by project team:							
Notes:							

Material Safety Data Sheet

FOR INDUSTRIAL USE ONLY

Cascophen(TM) G-1181A

Revision Date 19-JUL-2012

1. Product and company identification

Product name Cascophen(TM) G-1181A

MSDS Number 000000102702

Product Type Resorcinol Formaldehyde Resin

Product use General Purpose Resin Applications

Manufacturer, Importer, Supplier Momentive Specialty Chemicals Inc.
180 East Broad Street
Columbus OH 43215

4information@momentive.com

Print date 02-JAN-2013

Telephone **For Emergency Medical Assistance**
Call Health & Safety Information Services, 1-866-303-6949

For Emergency Transportation Information

CHEMTREC US Domestic (800) 424-9300

CHEMTREC International (703) 527-3887

CANUTEC CA Domestic (613) 996-6666

For additional health and safety or regulatory information, call 1 888 443 9466 .

Part of the CASCO® Brand of Adhesives and Resins from Momentive Specialty Chemicals

2. Hazards identification

Form Liquid

Odor Alcohol-like.

OSHA/HCS status This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Emergency overview DANGER !
FLAMMABLE LIQUID AND VAPOR. MAY FORM EXPLOSIVE MIXTURES WITH AIR. TOXIC IF SWALLOWED. HARMFUL IN CONTACT WITH SKIN. CAUSES EYE BURNS. INHALATION CAUSES HEADACHES, DIZZINESS, DROWSINESS AND NAUSEA AND MAY LEAD TO UNCONSCIOUSNESS. CAUSES RESPIRATORY TRACT AND SKIN IRRITATION. CONTAINS MATERIAL THAT CAN CAUSE TARGET ORGAN DAMAGE. CANCER HAZARD - CONTAINS MATERIAL WHICH CAN CAUSE CANCER. POSSIBLE DEVELOPMENTAL HAZARD - CONTAINS

MATERIAL WHICH MAY CAUSE ADVERSE DEVELOPMENTAL EFFECTS, BASED ON ANIMAL DATA. POSSIBLE REPRODUCTIVE HAZARD - CONTAINS MATERIAL WHICH MAY CAUSE ADVERSE REPRODUCTIVE EFFECTS IN MALES, BASED ON ANIMAL DATA. POSSIBLE REPRODUCTIVE HAZARD - CONTAINS MATERIAL WHICH MAY CAUSE ADVERSE REPRODUCTIVE EFFECTS IN FEMALES, BASED ON ANIMAL DATA. MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED.

Potential acute health effects

Inhalation	Can cause central nervous system (CNS) depression. Irritating to respiratory system. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.
Ingestion	Toxic if swallowed. Can cause central nervous system (CNS) depression. May cause burns to mouth, throat and stomach. May be fatal or cause blindness if swallowed.
Skin	Harmful in contact with skin. Irritating to skin.
Eyes	Corrosive to eyes. Causes burns.

Potential chronic health effects

Chronic effects	Contains material that can cause target organ damage. May be fatal or cause blindness if swallowed.
Carcinogenicity	Contains material which can cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	Contains material which may cause developmental abnormalities, based on animal data.
Fertility effects	Contains material which may impair male fertility, based on animal data. Contains material which may impair female fertility, based on animal data.
Target organs	Contains material which causes damage to the following organs: blood, kidneys, liver, spleen, gastrointestinal tract cardiovascular system upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea thyroid, Review Section 2 and 11 for any additional assessments.

Over-exposure signs/symptoms

Inhalation	Adverse symptoms may include the following: nausea or vomiting, respiratory tract irritation, coughing, headache, drowsiness/fatigue, dizziness/vertigo, unconsciousness,
Ingestion	Adverse symptoms may include the following: nausea or vomiting, dizziness/vertigo, drowsiness/fatigue, headache, unconsciousness,
Skin	Adverse symptoms may include the following: irritation, redness,
Eyes	Adverse symptoms may include the following: pain, watering, redness,
Medical conditions aggravated by over-exposure	Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

See section 11 for more detailed information on health effects and symptoms.

3. Composition/Information on ingredients

<u>Ingredient name</u>	<u>CAS number</u>	<u>WT %</u>
Ethanol	64-17-5	10.0 - 30.0
Resorcinol	108-46-3	10.0 - 30.0
Methanol	67-56-1	1.0 - 5.0
Ethyl Acetate	141-78-6	1.0 - 5.0

*** Any applicable Canadian trade secret numbers will be listed in Section 15.*

4. First aid measures

Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Chemical burns must be treated promptly by a physician. Get medical attention immediately.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.
Inhalation	Move exposed person to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
Ingestion	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Protection of first aid personnel	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. If it is suspected that dust, vapor, mist or gas are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus.
Notes to physician	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

Flammability of the product	Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.
<u>Extinguishing media</u> Suitable	Use dry chemical, CO ₂ , water spray (fog) or foam.

Treatment chemical used by Hoover

Division Number		Gulf State Park Interpretive Center					
		LBC Product Data Reporting Form					
Product Manufacturer:		UC Coatings, LLC					
Product Name/Number:		Anchorseal 2					
Manufacturer Contact							
Name:		U C Coatings, LLC					
Email:							
Phone Number:		716-833-9366					
% Recyclable:		0					
Recycled Content:		% Post:	0	%Pre:	0		
Point of Raw Material Extraction (city, state, country if outside of US):							
Manufacturer/Final Point of Assembly (city, state, country if outside of US):		Buffalo, NY					
Place of Purchase (city, state, country if outside of US):							
Product Hard Cost:		Proprietary					
Ingredients/Components							
This list includes any components of a product and must add to 100%. e.g. A light fixture would have steel housing, acrylic lens, electrical components (RoHS), etc. A table may have FSC certified wood, metal screws, etc. A sealant may have some different chemicals that you must break down here.							
	Component/Ingredient	Material % (must add to 100%)	RoHS	Part Number	CAS Number		
Example	Steel housing	40%	NA	G12 A FL UNV	65997-19-5		
Example	Electrical components	10%	Yes				
Component 1	Non-Hazardous Ingredients, not listed	71%					
Component 2	Petroleum Wax	26%			64742-61-6		
Component 3	Soap	3%			22707-25-1		
Component 4							
Component 5							
Component 6							
Component 7							
Component 8							
Component 9							
Component 10							
Component 11							
Total (must add to 100%)		100%					
Does your product contain any Red List items (Tab 3)?			No				
Certified Wood %:							
Chain of Custody (for product and millworker):							
Is your product wet applied in the field Y/N?			No				
If yes, does product meet SCAQMD 1168 or CARB 2007 SCM (VOCs)?			N/A				
If no, does your product contain any solvents on Tab 2?			No				
Is your product CDPH compliant (Method V1.1-2010 or equivalent)?			Yes				
(See Tab 4 & attach documentation)							
Applies to paints & coatings, adhesives & sealants, flooring, furniture, insulation, ceiling systems, ceramic tile, wall coverings, wood paneling.							
Compliant certifications: Green Label, Green Label Plus, SCS Indoor Advantage Gold, FloorScore, Collaborative for High Performance Schools (CHPS), Procedures and Standards for Product Inclusion Version, NSF 332, UL Greenguard Gold, UL 2818 and UL 2821							
Is your product salvaged or made from salvaged materials?			No				
Product Certifications:							
<input type="checkbox"/> Declare Label			<input type="checkbox"/> Other				
<input type="checkbox"/> EPD							
<input type="checkbox"/> HPD							
Additional Product Notes:							
To be filled out by project team:							
Notes:							

HOOVER TREATED WOOD PRODUCTS, INC.

TECHNICAL NOTE

FOR ADDITIONAL INFORMATION: www.frtw.com 1-800-TEC-WOOD (832-9663)

LEED and FSC Chain of Custody Information

Formaldehyde and VOC Content

Pyro-Guard fire retardant formulation does not contain formaldehyde. See Pyro-Guard Certification Section 2.01 E.

Water based preservative formulations – Dura-Guard (ACQ, MCA) and CCA used by Hoover Treated Wood Products Inc. do not contain formaldehyde.

Plywood treated with Pyro-Guard or the above preservatives will have a minimum exposure durability classification from the panel manufacturer of “Exposure 1”. The referenced APA publication, “Formaldehyde in Structural Panels” documents that structural panels with this classification are manufactured with phenolic resin adhesives that do not contain urea-formaldehyde.

The formulation of Pyro-Guard and the above preservatives are inorganic do not contain Volatile Organic Compounds (VOCs). Wood is a natural organic material.

Recycled Content

Lumber and plywood used by Hoover Treated Wood Products are not from recycled sources, and as such contain 0% post-consumer and 0% post-industrial recycled content.

Manufacturing Locations

Hoover Treated Wood Products Inc. has factory treating operations in Thomson GA, Milford VA, Pine Bluff AR, Detroit MI, Oxford PA and Winston OR.

FSC Chain of Custody

Hoover Treated Wood Products Inc. has obtained a multi-site FSC Chain of Custody through SCS Global Services. Our certification number is SCS-COC-005470. Verification may be obtained at <http://info.fsc.org> or www.fsc-info.org

Treated lumber and plywood can be provided with an FSC chain of custody by **SPECIAL ORDER.**

For more information, please contact Hoover Treated Wood Products Inc. at www.frtw.com or 1-800.832.9663.

Reference: APA, the Engineered Wood Association, technical Report “Formaldehyde in Structural Panels”, SPE-1040D, April 2002



10/27/17

Cynthia Hightower
Galyon Timber and Glulam
P.O. Box 10381
Knoxville, TN 37939

RE: Clear Guard/Red List

Cynthia,

Our Clear Guard formulation does not include any ingredients listed on the "The Red List" at the time of the writing of this letter. The same would be true of wood pressure impregnated with Clear Guard.

Thank you,

A handwritten signature in dark ink that reads "Travis Hixon". The signature is written in a cursive style with a large, stylized "T" and "H".

Travis Hixon
Technical Services

SAFETY DATA SHEET

PRODUCT NAME: ANCHORSEAL 2

DATE PREPARED: December 10, 2014

1. IDENTIFICATION

Identity (as used on label and listings): ANCHORSEAL 2

Chemical Family/Specific Type: Water-based emulsions / aqueous emulsion of wax

Recommended Use: Sealer coating for the ends of logs and lumber

<u>Manufacturer:</u>	U·C Coatings, LLC	Telephone Number:	716-833-9366
	P. O. Box 1066	Fax Number:	716-833-0120
	Buffalo, NY 14215 U.S.A.	Emergency Telephone No.:	716-833-9366

2. HAZARD(S) IDENTIFICATION

Health Hazards:

Ingestion	Category 4
Skin irritation	Category 3
Eye irritation	Category 2B

Hazard Pictogram:

Signal Word: **WARNING**
Hazard Statements: Physical Hazards: None

Health Hazards: H316 Causes mild skin irritation
H320 Causes eye irritation

Environmental Hazards: This substance is not expected to be toxic to aquatic organisms. However, it is still advised that this substance does not enter the environment.

Precautionary Statements:

Prevention:

P264	Wash affected areas thoroughly after handling
P280	Wear protective gloves and eye protection

Response:

P331	IF SWALLOWED: Rinse mouth. Drink large amounts of water. Do not induce vomiting (aspiration hazard). Seek medical help immediately for ingestion of wax and soap.
P302	IF ON SKIN: Wash with plenty of with soap and water. Remove contaminated clothing. If irritation persists, seek medical attention.
P305	IF IN EYES: Flush eyes immediately with large amounts of water, using soap if possible. Remove contact lenses if present and easy to do. If irritation continues, seek medical attention.

Storage: Store above 5°C / 40°F. Product can be damaged by freezing.

Disposal: P501 Dispose of contents/container in accordance with local, regional and federal regulations.

NFPA/HMIS Ratings (scale 0-4): HEALTH = 1 FIRE = 1 REACTIVITY = 0 (0 = Minimal Hazard 4 = Severe Hazard)
Protective Equipment: Protective gloves and eye protection

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization: Mixture / water-based emulsion

		CAS No.	
<u>Main Ingredient:</u>	Petroleum Wax	64742-61-6	26.1%
<u>Classified Ingredients:</u>	Soap	22707-25-1	2.9%

No other classified ingredients are present which contribute to this product's GHS Hazard Categorization as prescribed by OSHA's Hazard Communication 29 CFR 1910.1200

PRODUCT NAME: ANCHORSEAL 2**4. FIRST AID MEASURES**

After Eye Contact: Flush eyes immediately with large amounts of water, using soap if possible. Remove contact lenses if present and easy to do. If irritation continues, seek medical attention.

After Skin Contact: Wash with plenty of soap and water. Remove contaminated clothing. If irritation persists, seek medical attention.

After Swallowing: Rinse mouth. Drink large amounts of water. Do not induce vomiting (aspiration hazard). Seek medical help immediately for ingestion of wax and soap.

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Water spray, dry chemical, carbon dioxide (CO₂), foam. Do not direct solid stream of water or foam into burning pools.

Other Fire or Combustion Hazards: Incomplete combustion can produce carbon monoxide.

Fire Fighting Instructions: Avoid breathing smoke and vapor.

Fire Fighting Equipment: Self-contained breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear protective gloves and eye protection plus rubber boots when containing large spills.

Precautions: Do not allow to enter sewers / surface or ground water.

Containment and Clean-up: Large spills: contain with dikes, collect, and filter for reuse.
Small spills: collect or absorb with oil absorbent pads.
 Clean contaminated areas with soap and water. All spill response and disposal should be carried out in accordance with local, regional and federal regulations.

7. HANDLING AND STORAGE

General: Keep containers closed to minimize evaporation and skin formation.

Handling: Use normal precautions and protective equipment to avoid exposure to eyes and skin.

Storage: Store at ambient temperature, above 5°C / 40°F. Product can be damaged by freezing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: Good ventilation in work area, atmospheric pressure.

Personal Protection: Eyes: safety glasses or splash goggles
 Hands: protective gloves
 Other: synthetic apron for cleanliness

9. PHYSICAL & CHEMICAL CHARACTERISTICS

<u>Physical State:</u>	Liquid	<u>Odor:</u>	slight petroleum oil odor
<u>Appearance/Color:</u>	White or colored liquid of paint-like consistency		
<u>Viscosity:</u>	3,500 – 4,500 Cps at 25°C / 77°F (LVT Brookfield)		
<u>Flash Point:</u>	No flash - boils at 100°C / 212°F	<u>Auto ignition temperature:</u>	n/a
<u>Boiling Point:</u>	100°C / 212°F	<u>Melting Point of Mixture:</u>	0°C / 32°F