



S43.112 HC GP Stain Natural Oak

# MATERIAL SAFETY DATA SHEET

RPM Wood Finishes Group  
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828-728-8266

EMERGENCY PHONE (CHEM TREC): ..... 1-800-424-9300  
FOR ALL INTERNATIONAL TRANSPORTATION ACCIDENTS. .... 1-703-527-3887 (collect)

Health: 2                      Flammability: 3                      Reactivity 0

PRODUCT NAME: S43.112 HC GP Stain Natural Oak

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 14/04/04  
SUPERCEDES: None  
MSDS NO. S43.112

## II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
aliphatic hydrocarbons	41-50	8052-41-3	500 ppm TWA; 2900 mg/m3 TWA
aliphatic petroleum distillates	41-50	64742-89-8	No PEL established
alkyd resin solids	11-20	PROPRIETARY	No PEL established
Alkyd Resin			No PEL established
aliphatic petroleum distillates	1-10	64742-47-8	No PEL established
1,2,4-trimethylbenzene	<1	95-63-6	No PEL established
Methanol	<1	67-56-1	200 ppm TWA; 260 mg/m3 TWA
Quartz	<1	14808-60-7	see Table Z-3

## III. HAZARDS IDENTIFICATION

**Routes of Entry:** Eye contact., Inhalation., Skin contact., Ingestion., Absorption.  
**Medical Conditions Aggravated:** Kidney disease. Eye disease. Skin disease including eczema and sensitization. Persons with reduced pulmonary function may experience breathing difficulty. Pre-existing skin or respiratory conditions. Digestive tract disease.

### Immediate (Acute) Health Effects

**Inhalation:** Can cause severe central nervous system depression (including unconsciousness). Chronic lung disease (silicosis) and/or lung cancer may result from prolonged/repeated breathing of the dust of this material. Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

<b>Skin Contact:</b>	Continued or prolonged contact may irritate the skin and cause a skin rash (dermatitis). Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
<b>Eye Contact:</b>	Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
<b>Skin Absorption:</b>	Can be absorbed through the skin but exposure must be extensive before adverse health effects occur. Contains methanol. Upon prolonged or repeated exposure, may cause deterioration of the optic nerve if large quantities are absorbed through the skin. Repeated absorption of large quantities may lead to blindness. No absorption hazard in normal industrial use.
<b>Ingestion:</b>	Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. Harmful if swallowed. Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.
<b>Target Organ Acute Toxicity:</b>	
Stoddard solvent	skin, eyes, CNS, respiratory system, kidneys
1,2,4-Trimethylbenzene	eyes, skin, respiratory system, CNS, blood
Methyl alcohol	skin, eyes, CNS, GI tract, respiratory system
Silica, crystalline	respiratory system, eyes (in animals: lung cancer)

**Long-Term (Chronic) Health Effects:**

<b>Carcinogenicity:</b>	None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.
<b>Mutagenicity:</b>	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
<b>Inhalation:</b>	Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.
<b>Skin Contact:</b>	Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
<b>Eye Contact:</b>	Upon prolonged or repeated contact, dust contact can cause mechanical irritation. Upon prolonged or repeated contact, can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
<b>Skin Absorption:</b>	Upon prolonged or repeated exposure, harmful if absorbed through the skin. May cause severe irritation and systemic damage.
<b>Target Organ Chronic Toxicity:</b>	Kidneys. Eyes. Skin. Nervous System. Respiratory Tract. Digestive Tract.
<b>Supplemental Health Hazard Information:</b>	No additional health information available.

**IV. FIRST AID**

<b>Inhalation:</b>	Remove to fresh air. Get medical attention immediately. Have a trained individual administer humidified oxygen. If not breathing, give artificial respiration.
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**Eyes:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel. Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

**Skin Contact:** Wash with mild soap and water. If irritation occurs get medical attention. If clothing is contaminated, remove and wash before reuse. Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

**Ingestion:** DO NOT induce vomiting. Get immediate medical attention. Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS.

**Notes to MD:** No additional first aid information available.

## **V. FIRE FIGHTING MEASURES**

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### **Flammability Summary:**

**Flash Point:** 50 (CALC.) °F  
**Upper Flammable/Explosive Limit, % in air:** 6.0 @ 77° F  
**Lower Flammable/Explosive Limit, % in air:** 1.1 @ 77° F

**Fire Hazards:** Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death. Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back.

**Extinguishing Media:** Alcohol foam Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water may be ineffective but water spray can be used to extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being damaged by fire.

**Fire Fighting Instructions:** Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use methods for the surrounding fire. Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.

**Hazardous Combustion Products:** Carbon monoxide

## **VI. ACCIDENTAL RELEASE MEASURES**

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**Health Consideration for Spill Response:** Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

**Spill Mitigation Procedures  
General Methods:**

Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

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**VII. HANDLING AND STORAGE**

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**Handling:** Spontaneous combustion can occur. Harmful or irritating material. Avoid contact and avoid breathing the material. Use only in a well ventilated area.

**Storage:** Keep away from sources of ignition. Keep container closed when not in use. Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed.

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**VIII. ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT**

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**Engineering Controls:** Check ventilation codes. No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

**Protective Equipment  
Respiratory Tract:**

Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2-1992). A written respiratory protection program, including provisions for medical certification, training, fit testing, exposure assessments, maintenance, inspection, cleaning, and convenient, sanitary storage should be implemented.

**Eyes:** Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

**Skin:** Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

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**IX. PHYSICAL DATA**

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<b>Physical State:</b>	COLORED LIQUID
<b>Odor:</b>	OILY HYDROCARBON
<b>Solids Vol %:</b>	8.522
<b>Solids Wt %:</b>	11.7507
<b>Material VOC lbs/gal:</b>	5.6829
<b>Material VOC gms/l:</b>	682.463
<b>Coatings VOC lbs/gal:</b>	5.6831
<b>Coatings VOC gms/l:</b>	682.4908
<b>Weight per gallon:</b>	6.4546

## X. STABILITY AND REACTIVITY

<b>Stability Information:</b>	Spontaneous combustion can occur. Stable under normal conditions.
<b>Conditions to Avoid:</b>	Avoid: heat, sparks, flame and oxidizing agents. None known.
<b>Chemical Incompatibility:</b>	Strong oxidizing agents. Metals.
<b>Hazardous Polymerization:</b>	Hazardous Polymerization will not occur.

## XI. TOXICOLOGICAL INFORMATION

Chemical Name	CAS Number	LD50/LC50
Benzene, 1,2,4-trimethyl-	95-63-6	Inhalation LC50 Rat : 18 gm/m <sup>3</sup> /4H; Oral LD50 Rat : 5 gm/kg
Methanol	67-56-1	Inhalation LC50 Rat : 64000 ppm/4H; Oral LD50 Rat : 5628 mg/kg; Oral LD50 Mouse : 7300 mg/kg; Dermal LD50 Rabbit : 15800 mg/kg

## XII. ECOLOGICAL INFORMATION

<b>Overview (for ingredients):</b>	No data available. This material is not expected to be harmful to the ecology.
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## XIII. DISPOSAL CONSIDERATIONS

<b>Waste Description for Spent Product:</b>	The waste may be a characteristic hazardous waste. Spent or discarded material is a hazardous waste.
<b>Disposal Methods:</b>	Comply with all Local, State, Federal, and Provincial Environmental Regulations. Dispose of by incineration following Federal, State, Local, or Provincial regulations.
<b>Potential EPA Waste Codes:</b>	If discarded, this product is considered a RCRA ignitable waste, D001.

### Components Subject to USEPA Land Disposal Restrictions:

Methanol	67-56-1	0.08 %
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## XIV. TRANSPORTATION INFORMATION

DOT PAINT, 3, UN 1263, II

## XV. REGULATORY INFORMATION

Chemical Name	Regulation	CASRN	%
1,2,4-Trimethylbenzene	SARA 313 Reportable:	95-63-6	0.08
Methanol	SARA 313 Reportable:	67-56-1	0.08
m-Xylene	SARA 313 Reportable:	108-38-3	0.01
Ethyl benzene	SARA 313 Reportable:	100-41-4	0.00
o-Xylene	SARA 313 Reportable:	95-47-6	0.00
p-Xylene	SARA 313 Reportable:	106-42-3	0.00
sec-Butyl alcohol	SARA 313 Reportable:	78-92-2	0.00
aliphatic hydrocarbons	New Jersey Right To Know:	8052-41-3	42.19
aliphatic petroleum distillates	New Jersey Right To Know:	64742-89-8	41.67
alkyd resin solids	New Jersey Right To Know:	PROPRIETARY	10.42
Alkyd Resin	New Jersey Right To Know:		
aliphatic petroleum distillates	New Jersey Right To Know:	64742-47-8	4.04
Pigment	New Jersey Right To Know:	PROPRIETARY	0.24

## **XVI. ADDITIONAL INFORMATION**

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**Other Information:**

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MSDS glossary.