

H4771



M503-6A28 Hickory Solar Lux Stain

MATERIAL SAFETY DATA SHEET

RPM Wood Finishes Group
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FOR ALL INTERNATIONAL TRANSPORTATION ACCIDENTS. 1-703-527-3887 (collect)

Health: 3 Flammability: 3 Reactivity 0

PRODUCT NAME: M503-6A28 Hickory Solar Lux Stain

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 19/04/02
SUPERCEDES: None
MSDS NO. M503-6A28

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
Methanol	71-80	67-56-1	200 ppm TWA; 260 mg/m3 TWA
2-(2 ethoxyethoxy) ethanol	11-20	111-90-0	No PEL established
Chromium	<1	7440-47-3	Chromium, sol. chromic, chromous salts (as Cr): 0.5 mg/m3 TWA; Chromium, metal and insoluble salts (as Cr): 1 mg/m3 TWA

III. HAZARDS IDENTIFICATION

Routes of Entry: Inhalation., Absorption., Ingestion., Skin contact., Eye contact.
Medical Conditions Aggravated: Eye disease. Skin disease including eczema and sensitization. Digestive tract disease. Respiratory disease including asthma and bronchitis.

Immediate (Acute) Health Effects

Inhalation: Treat as nuisance particulates Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

Skin Contact: Can cause minor skin irritation, defatting, and dermatitis.

Eye Contact: Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

Skin Absorption: 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. Harmful if absorbed through the skin. May cause severe irritation and systemic damage.

Ingestion: Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.

Target Organ Acute Toxicity:

Methyl alcohol skin, eyes, CNS, GI tract, respiratory system
Chromium metal respiratory system, skin, eyes

Long-Term (Chronic) Health Effects:

Carcinogenicity: None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Target Organ Chronic Toxicity: Eyes. Skin. Digestive Tract. Nervous System. Respiratory Tract.

Supplemental Health Hazard Information: No additional health information available.

IV. FIRST AID

Inhalation: Remove to fresh air. Get medical attention. Remove to fresh air. Get medical attention immediately. Have a trained individual administer humidified oxygen. If not breathing, give artificial respiration.

Eyes: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists. 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 exposed areas thoroughly with soap and water until chemical is removed. Remove contaminated clothing and launder before reuse. Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: If swallowed, have a trained medical professional induce vomiting immediately. Never give anything by mouth to an unconscious person.

Notes to MD: No additional first aid information available.

V. FIRE FIGHTING MEASURES

Flammability Summary:

Flash Point: 11C; 52F
Autoignition Temperature: 385 deg. C

Fire Hazards: Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

Extinguishing Media: Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do Not direct a stream of water into the hot burning liquid.

Fire Fighting Instructions: Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

Hazardous Combustion Products: Carbon monoxide

VI. ACCIDENTAL RELEASE MEASURES

Health Consideration for Spill Response: No adverse health affects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section VIII of this MSDS.

Spill Mitigation Procedures General Methods: No special spill clean-up considerations. Collect and discard in regular trash.

VII. HANDLING AND STORAGE

Handling: Follow all protective equipment recommendations provided in Section VIII.

Storage:

VIII. ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls: Local exhaust.

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.

IX. PHYSICAL DATA

Physical State: Colored Liquid

Odor: ~~Strong Solvent~~
Solids Vol %: 0.8386
Solids Wt %: 1.171
Material VOC lbs/gal: 6.6257
Material VOC gms/l: 795.6914
Weight per gallon: 6.9198

X. STABILITY AND REACTIVITY

Conditions to Avoid: Dried product residue (can act as an oxidizer). Contact with water.
Chemical Incompatibility: Water.
Hazardous Polymerization: Hazardous Polymerization will not occur.

XI. TOXICOLOGICAL INFORMATION

Chemical Name	CAS Number	LD50/LC50
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
Ethanol, 2-(2-ethoxyethoxy)-	111-90-0	Oral LD50 Rat : 5500 mg/kg; Oral LD50 Mouse : 6600 mg/kg; Dermal LD50 Rabbit : 4200 uL/kg

XII. ECOLOGICAL INFORMATION

Overview (for ingredients): No data available.

Ecological Toxicity Values:

XIII. DISPOSAL CONSIDERATIONS

Waste Description for Spent Product: Spent or discarded material is a hazardous waste.

Disposal Methods: Dispose of by incineration following Federal, State, Local, or Provincial regulations.

Potential EPA Waste Codes: If discarded, this product is considered a RCRA ignitable waste, D001.

Components Subject to USEPA Land Disposal Restrictions:

Methanol	67-56-1	79.98 %
Chromium (total)	7440-47-3	0.06 %

XIV. TRANSPORTATION INFORMATION

DOT Paint 3 UN1263 PGII

XV. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA):

Chemical Name	Regulation	CASRN	%
Methanol	SARA 313 Reportable:	67-56-1	79.98
Chromium	SARA 313 Reportable:	7440-47-3	0.06
Methanol	New Jersey Right To Know:	67-56-1	79.98
2-(2 ethoxyethoxy) ethanol	New Jersey Right To Know:	111-90-0	15.78
Water	New Jersey Right To Know:		2.86
Sodium Formte	New Jersey Right To Know:		0.35
Diethylene glycol mono-n-butyl ether	New Jersey Right To Know:	112-34-5	0.21

XVI. ADDITIONAL INFORMATION

Other Information:

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MSDS glossary.