



M466-6030 Match-All Brush Cleaner

MATERIAL SAFETY DATA SHEET

RPM Wood Finishes Group
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Hudson, North Carolina 28638
828-728-8266

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

Health: 2 Flammability: 2 Reactivity: 0

PRODUCT NAME: M466-6030 Match-All Brush Cleaner

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 29/11/01
SUPERCEDES: None
MSDS NO. M466-6030

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
Light aromatic solvent naphtha	61-70	64742-95-6	No PEL established
Trimethylbenzene	31-40	25551-13-7	No PEL established
Xylene	1-10	1330-20-7	100 ppm TWA; 435 mg/m3 TWA
Cumene	1-10	98-82-8	50 ppm TWA; 245 mg/m3 TWA
Ethylbenzene	<1	100-41-4	100 ppm TWA; 435 mg/m3 TWA

III. HAZARDS IDENTIFICATION

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

Immediate (Acute) Health Effects

Inhalation: Can cause severe central nervous system depression (including unconsciousness). Causes respiratory tract irritation. Can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.

Skin Contact: Moderately irritating to the skin. Can cause severe irritation. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Temporary vision impairment (cloudy or blurred vision) is possible.

Eye Contact: Can cause irritation.Can cause severe irritation. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Temporary vision impairment (cloudy or blurred vision) is possible.

Skin Absorption: Toxic and may be harmful if absorbed through the skin; may produce target organ damage.Harmful if absorbed through the skin. May cause severe irritation and systemic damage.

Ingestion: Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.

Target Organ Acute Toxicity:

Xylenes (o-, m-, p- isomers)	CNS, eyes, blood, liver, kidneys, skin, GI tract, respiratory system
Cumene	eyes, respiratory system, skin, CNS
Ethyl benzene	eyes, respiratory system, skin, CNS

Long-Term (Chronic) Health Effects:

Carcinogenicity: Contains a substance that is a probable cancer hazard based on human studies.

Reproductive and Developmental Toxicity: A component in this product has been shown to cause birth defects and reproductive disorders in laboratory animals at doses that could be encountered in the workplace.

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

Skin Contact: May cause lingering affects but not likely to result in permanent damage if the exposure is eliminated.

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

Supplemental Health Hazard Information: No additional health information available.

IV. FIRST AID

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.

Notes to MD: No additional first aid information available.

V. FIRE FIGHTING MEASURES

Flammability Summary:

Flash Point:	21C; 70F
Fire Hazards:	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:	Dry chemical 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:	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.
Hazardous Combustion Products:	Carbon monoxide

VI. ACCIDENTAL RELEASE MEASURES

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.

VII. HANDLING AND STORAGE

Handling:	As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Avoid contact with material. Use spark-proof tools and explosion-proof equipment.
Storage:	Keep container closed when not in use. Keep away from sources of ignition.

VIII. ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls:	Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Facilities storing or using this material should be equipped with an eyewash and safety shower.
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:	CLEAR LIQUID
Odor:	OILY HYDROCARBON
Solids Vol %:	0
Solids Wt %:	0
Material VOC lbs/gal:	7.2445
Material VOC gms/l:	870.00
Weight per gallon:	7.261

X. STABILITY AND REACTIVITY

Conditions to Avoid: Avoid: heat, sparks, flame and oxidizing agents.

Chemical Incompatibility: Strong oxidizing agents. Chlorine. Strong acids. Acids.

XI. TOXICOLOGICAL INFORMATION

Chemical Name	CAS Number	LD50/LC50
Benzene, trimethyl- (mixed isomers)	25551-13-7	Oral LD50 Rat : 8970 mg/kg
Xylene	1330-20-7	Inhalation LC50 Rat : 5000 ppm/4H; Oral LD50 Rat : 4300 mg/kg; Dermal LD50 Rabbit : >1700 mg/kg
Cumene	98-82-8	Inhalation LC50 Mouse : 10 gm/m3/7H; Oral LD50 Rat : 1400 mg/kg; Oral LD50 Mouse : 12750 mg/kg; Dermal LD50 Rabbit : 12300 uL/kg
Benzene, ethyl-	100-41-4	Oral LD50 Rat : 3500 mg/kg; Dermal LD50 Rabbit : 17800 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:

Xylenes (o-, m-, p- isomers)	1330-20-7	3.00 %
Ethyl benzene	100-41-4	0.5 %

XIV. TRANSPORTATION INFORMATION

DOT NA1993 PGIII

XV. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA):

Chemical Name	Regulation	CASRN	%
Xylene (mixed isomers)	SARA 313 Reportable:	1330-20-7	3.00
Cumene	SARA 313 Reportable:	98-82-8	1.5
Ethyl benzene	SARA 313 Reportable:	100-41-4	0.5
Light aromatic solvent naphtha	New Jersey Right To Know:	64742-95-6	63.00
Trimethylbenzene	New Jersey Right To Know:	25551-13-7	32.00
Xylene	New Jersey Right To Know:	1330-20-7	3.00
Cumene	New Jersey Right To Know:	98-82-8	1.5
Ethylbenzene	New Jersey Right To Know:	100-41-4	0.5

XVI. ADDITIONAL INFORMATION

Other Information:

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MSDS glossary.