



M770-100 BRIL GLOW

# 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: 1                      Flammability: 2                      Reactivity 0

PRODUCT NAME: M770-100 BRIL GLOW

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 13/09/06  
SUPERCEDES: 09/09/03  
MSDS NO. M770-100

## II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
Hydrocarbon mixture	21-30	8042-47-5	No PEL established
aliphatic petroleum distillates	21-30	64742-47-8	No PEL established
silica	11-20	1317-95-9	see Table Z-3
1,2,4-trimethylbenzene	<1	95-63-6	No PEL established
Quartz	<1	14808-60-7	see Table Z-3

## III. HAZARDS IDENTIFICATION

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

### Immediate (Acute) Health Effects

**Inhalation:** Chronic lung disease (silicosis) and/or lung cancer may result from prolonged/repeated breathing of the dust of this material. Can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.

**Skin Contact:** Can cause moderate injury (reddening and swelling). Continued or prolonged contact may irritate the skin and cause a skin rash (dermatitis). Can cause minor skin irritation, defatting, and dermatitis.

**Eye Contact:** Can cause mechanical irritation if dusts are generated. Can cause minor irritation, tearing and reddening.

**Ingestion:** Harmful if swallowed. Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort.

**Target Organ Acute Toxicity:**

1,2,4-Trimethylbenzene  
Silica, crystalline

eyes, skin, respiratory system, CNS, blood  
respiratory system, eyes (in animals: lung cancer)

**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.

**Inhalation:** Upon prolonged and/or repeated exposure, can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.

**Skin Contact:** Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.

**Eye Contact:** Upon prolonged or repeated contact, dust contact can cause mechanical irritation. Upon prolonged or repeated contact, can cause minor irritation, tearing and reddening.

**Target Organ Chronic Toxicity:** Eyes. Respiratory Tract.

**Supplemental Health Hazard Information:** No additional health information available.

**IV. FIRST AID**

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**Inhalation:** Remove to fresh air. If breathing becomes difficult, give oxygen and get medical attention. Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately. Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.

**Eyes:** Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

**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. Get medical attention if irritation develops or persists.

**Ingestion:** DO NOT induce vomiting. Get immediate medical attention. Aspiration hazard! DO NOT induce vomiting. Seek immediate medical attention. Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this MSDS.

**Notes to MD:** Aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity.

## **V. FIRE FIGHTING MEASURES**

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### **Flammability Summary:**

**Flash Point:** 105 (CALC.) °F

**Fire Hazards:** Water or foam may cause frothing which can be violent and possibly endanger the life of firefighter. Vapors are heavier than air and can travel to a source of ignition and flash back. Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

**Extinguishing Media:** Use methods suitable to fight surrounding fire. CO<sub>2</sub>, dry chemical, foam  
Foam  
Carbon dioxide  
Dry chemical  
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:** Use methods for the surrounding fire. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Apply cooling water to exposed containers well after fire is out. Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment.

**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide, various hydrocarbons.

## **VI. ACCIDENTAL RELEASE MEASURES**

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**Health Consideration for Spill Response:** No health effects expected from the clean-up of this material if contact can be avoided. 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**

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**Handling:** "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Avoid contact with material. Minimize dust generation and accumulation. Mildly irritating material. Avoid unnecessary exposure.

**Storage:** Keep container closed when not in use. Store in a cool dry place. Isolate from incompatible materials.

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

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**Engineering Controls:** Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits. 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.

## **IX. PHYSICAL DATA**

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<b>Physical State:</b>	COLORED VISCOUS LIQUID
<b>Odor:</b>	OILY HYDROCARBON
<b>Solids Vol %:</b>	30.3372
<b>Solids Wt %:</b>	38.3627
<b>Material VOC lbs/gal:</b>	2.1156
<b>Material VOC gms/l:</b>	254.0626
<b>Coatings VOC lbs/gal:</b>	3.35
<b>Coatings VOC gms/l:</b>	402.3011
<b>Weight per gallon lbs:</b>	8.4295

VOC data per US EPA guidelines. State and local variations may apply.

## **X. STABILITY AND REACTIVITY**

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<b>Stability Information:</b>	Stable. Stable under normal conditions.
<b>Conditions to Avoid:</b>	Contamination. None known.
<b>Chemical Incompatibility:</b>	Strong oxidizing agents. Metals.
<b>Hazardous Polymerization:</b>	Hazardous Polymerization will not occur.

## **XI. TOXICOLOGICAL INFORMATION**

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<b>Chemical Name</b>	<b>CAS Number</b>	<b>LD50/LC50</b>
Benzene, 1,2,4-trimethyl-	95-63-6	Inhalation LC50 Rat : 18 gm/m <sup>3</sup> /4H; Oral LD50 Rat : 5 gm/kg

## **XII. ECOLOGICAL INFORMATION**

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<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**

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<b>Waste Description for Spent Product:</b>	Spent or discarded material is non-hazardous according to environmental regulations.
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**Disposal Methods:** Perform waste water treatment. Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations. Dispose of in a permitted industrial waste landfill following Federal, State, Local, or Provincial regulations.

**Components Subject to USEPA Land Disposal Restrictions:**

No chemicals subject to land disposal restrictions. %

**XIV. TRANSPORTATION INFORMATION**

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**DOT** Flammable liquids, n.o.s., 3, UN 1993, III (contains )  
See 49CFR 172.101 for Special Provisions, Packaging, and Quantity Limitations.

**XV. REGULATORY INFORMATION**

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<b>Chemical Name</b>	<b>Regulation</b>	<b>CASRN</b>	<b>%</b>
1,2,4-Trimethylbenzene	SARA 313 Reportable:	95-63-6	0.49
Quartz	California Proposition 65 Cancer List:	14808-60-7	0.14
Hydrocarbon mixture	New Jersey Right To Know:	8042-47-5	24.48
aliphatic petroleum distillates	New Jersey Right To Know:	64742-47-8	23.51
silica	New Jersey Right To Know:	1317-95-9	13.46
Nonionic Surfactant	New Jersey Right To Know:		
1,2,4-trimethylbenzene	New Jersey Right To Know:	95-63-6	0.49
Quartz	New Jersey Right To Know:	14808-60-7	0.14

**XVI. ADDITIONAL INFORMATION**

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**Other Information:** IMPORTANT: WHILE THE DESCRIPTIONS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU PERFORM AN ASSESSMENT TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED, DATA OR INFORMATION SET FORTH. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, OR DATA PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, THE DESCRIPTIONS, DATA AND INFORMATION FURNISHED HEREUNDER ARE GIVEN GRATIS. NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DATA AND INFORMATION GIVEN ARE ASSUMED. ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

MSDS glossary.