



B730-0116 Finish Rub

MATERIAL SAFETY DATA SHEET

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

Health: 1 Flammability: 2 Reactivity 0

PRODUCT NAME: B730-0116 Finish Rub

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 25/01/02
SUPERCEDES: 25/01/02
MSDS NO. B730-0116

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
Quartz	51-60	14808-60-7	see Table Z-3
Solvent naphtha (petroleum) medium aliphatic	21-30	64742-88-7	No PEL established
Ethylene Glycol	1-10	107-21-1	No PEL established
Aliphatic Petroleum Distillates	1-10	8042-47-5	No PEL established
Dinonylphenoxypolyethoxyethanol	1-10	68891-21-4	No PEL established
1,2,4 -trimethylbenzene	<1	95-63-6	No PEL established
Crystalline Silica	<1	14464-46-1	see Table Z-3

III. HAZARDS IDENTIFICATION

Routes of Entry: Ingestion., Eye contact., Inhalation and skin.
Medical Conditions Aggravated: Eye disease. Respiratory disease including asthma and bronchitis. Kidney 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. Dust irritating to respiratory tract. Can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.

Skin Contact: Can cause moderate injury (reddening and swelling). Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

Eye Contact: Can cause mechanical irritation if dusts are generated. { Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

Ingestion: Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort.

Target Organ Acute Toxicity:

Silica, crystalline	respiratory system, eyes (in animals: lung cancer)
Ethylene glycol	respiratory system, skin, eyes, CNS
1,2,4-Trimethylbenzene	eyes, skin, respiratory system, CNS, blood

Long-Term (Chronic) Health Effects:

Carcinogenicity: Material did not cause cancer in long-term animal studies. Contains a known human carcinogen.

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

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

Eye Contact: Upon prolonged or repeated contact, dust contact can cause mechanical irritation.

Target Organ Chronic Toxicity: Eyes. Respiratory Tract. Kidneys. Nervous System. Heart.

Supplemental Health Hazard Information: No additional health information available.

IV. FIRST AID

Inhalation: 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.

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. { Immediately flush eyes with plenty of water for at least 20 minutes. Get immediate medical attention. Hold eyelids apart periodically while flushing. 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: 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. Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this MSDS.

Notes to MD: No additional first aid information available. Aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity.

V. FIRE FIGHTING MEASURES

Flammability Summary:

Flash Point: 45C; 113F

Fire Hazards: Use process enclosures to control the level of dust in the air. Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition.

Extinguishing Media: Use methods suitable to fight surrounding fire. 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 process enclosures to control the level of dust in the air. Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition.

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

VI. ACCIDENTAL RELEASE MEASURES

Health Consideration for Spill Response: Persons not wearing appropriate protective equipment should be excluded from area of spill until clean-up has been completed. 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

Handling: Avoid contact with material. Minimize dust generation and accumulation.

Storage: Keep container closed when not in use.

VIII. ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls: Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits. Use process enclosures to control the level of dust in the air.

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:	CLOUDY LIQUID
Odor:	OILY HYDROCARBON
Solids Vol %:	8.2305
Solids Wt %:	6.6633
Material VOC lbs/gal:	3.2637
Material VOC gms/l:	391.9367
Weight per gallon:	11.6096

X. STABILITY AND REACTIVITY

Stability Information:	Stable.
Conditions to Avoid:	Avoid: heat, sparks, flame and oxidizing agents.
Chemical Incompatibility:	Strong oxidizing agents. Metals.
Hazardous Polymerization:	Hazardous Polymerization will not occur.

XI. TOXICOLOGICAL INFORMATION

Chemical Name	CAS Number	LD50/LC50
Ethylene glycol	107-21-1	Inhalation LC50 Rat : 10876 mg/kg; Oral LD50 Rat : 4700 mg/kg; Oral LD50 Mouse : 5500 mg/kg; Dermal LD50 Rabbit : 9530 uL/kg
Benzene, 1,2,4-trimethyl-	95-63-6	Inhalation LC50 Rat : 18 gm/m ³ /4H; Oral LD50 Rat : 5 gm/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:

No chemicals subject to land disposal restrictions. %

XIV. TRANSPORTATION INFORMATION

DOT UN1263 G127 PGIII

XV. REGULATORY INFORMATION

Toxic Substances Control Act (TSCA):

Chemical Name	Regulation	CASRN	%
Ethylene glycol	SARA 313 Reportable:	107-21-1	2.52
1,2,4-Trimethylbenzene	SARA 313 Reportable:	95-63-6	0.51
Xylene (mixed isomers)	SARA 313 Reportable:	1330-20-7	0.01
Ethyl benzene	SARA 313 Reportable:	100-41-4	0.00
Quartz	New Jersey Right To Know:	14808-60-7	55.95
Solvent naphtha (petroleum) medium aliphatic	New Jersey Right To Know:	64742-88-7	25.14
Water	New Jersey Right To Know:	7732-18-5	9.21
Ethylene Glycol	New Jersey Right To Know:	107-21-1	2.52
Organo clay	New Jersey Right To Know:		2.33

XVI. ADDITIONAL INFORMATION

Other Information:

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MSDS glossary.