



M550-222 BLEACHTONE STAIN REDUCER

MATERIAL SAFETY DATA SHEET

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

Health: 2 Flammability: 3 Reactivity 0

PRODUCT NAME: M550-222 BLEACHTONE STAIN REDUCER

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 08/09/05
SUPERCEDES: 08/09/05
MSDS NO. M550-222

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
acetone	91-100	67-64-1	1000 ppm TWA; 2400 mg/m3 TWA

III. HAZARDS IDENTIFICATION

Routes of Entry: Inhalation., Ingestion., Skin contact., Eye contact.
Medical Conditions Aggravated: No medical conditions affected by exposure.

Immediate (Acute) Health Effects

Inhalation: Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

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

Eye Contact: Mildly irritating but will not injure eye tissue. Can cause minor irritation, tearing and reddening.

Ingestion: Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort.

Target Organ Acute Toxicity:
Acetone respiratory system, skin, eyes, CNS

Long-Term (Chronic) Health Effects:

Carcinogenicity:	ACGIH. IARC. NIOSH. NTP. OSHA. None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.
Reproductive and Developmental Toxicity:	No information available.
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 moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.
Skin Contact:	Prolonged or repeated contact may cause irritation. Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.
Eye Contact:	Upon prolonged or repeated contact, can cause minor irritation, tearing and reddening.
Target Organ Chronic Toxicity:	Respiratory Tract.
Supplemental Health Hazard Information:	No additional health information available.

IV. FIRST AID

Inhalation:	Remove to fresh air. Get medical attention immediately. Have a trained individual administer humidified oxygen. If not breathing, give artificial respiration.
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 soap and water. Get medical attention if irritation develops or persists.
Ingestion:	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.

V. FIRE FIGHTING MEASURES

Flammability Summary:

Flash Point:	-4 (CALC.) °F
Upper Flammable/Explosive Limit, % in air:	12.8 @ 77° F
Lower Flammable/Explosive Limit, % in air:	2.5 @ 77° F

Fire Hazards: Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flash point. Vapors may be ignited by heat, sparks, flames or other sources of ignition at or above the low flash point giving rise to a Class B fire. Vapors are heavier than air and may travel to a source of ignition and flash back.

Extinguishing Media: Use alcohol resistant spray, Carbon Dioxide, water spray or dry chemical to extinguish a fire involving this chemical. Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to 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. Do not enter fire area without proper protection including self-contained toxic 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. Flammable component(s) of this material may be lighter than water and burn while floating on the surface. Use water spray/fog for cooling.

Hazardous Combustion Products: Carbon dioxide, 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: Use spark-proof tools and explosion-proof equipment. Harmful or irritating material. Avoid contact and avoid breathing the material. Use only in a well ventilated area.

Storage: Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed.

VIII. ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls: Ventilation should effectively remove and prevent buildup of any vapor/mist/fume generated from the handling of this product. 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. Explosion proof fans should be used in mechanical type ventilation systems.

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:	STRONG SOLVENT
Solids Vol %:	0.0000
Solids Wt %:	0.0000
Material VOC lbs/gal:	0.0000
Material VOC gms/l:	0.0000
Coatings VOC lbs/gal:	0.0000
Coatings VOC gms/l:	0.00
Weight per gallon lbs:	6.61

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

X. STABILITY AND REACTIVITY

Stability Information:	Stable. Normally stable. Keep away from heat, sparks and flame.
Conditions to Avoid:	Avoid: heat, sparks, flame and oxidizing agents. None known.
Chemical Incompatibility:	Strong oxidizing agents. Strong acids.

XI. TOXICOLOGICAL INFORMATION

Chemical Name	CAS Number	LD50/LC50
Acetone	67-64-1	Inhalation LC50 Rat : 50100 mg/m ³ /8H; Inhalation LC50 Mouse : 44 gm/m ³ /4H; Oral LD50 Rat : 5800 mg/kg; Oral LD50 Mouse : 3 gm/kg

XII. ECOLOGICAL INFORMATION

Overview (for ingredients):	Keep out of waterways. This material is not expected to be harmful to the ecology.
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XIII. DISPOSAL CONSIDERATIONS

Waste Description for Spent Product:	The waste may be a listed and/or characteristic hazardous waste. Spent or discarded material is a hazardous waste.
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Disposal Methods: Comply with all Local, State, Federal, and Provincial Environmental Regulations.
Dispose of by incineration following Federal, State, Local, or Provincial regulations.

Potential EPA Waste Codes: D001

Components Subject to USEPA Land Disposal Restrictions:

Acetone	67-64-1	100.00 %
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XIV. TRANSPORTATION INFORMATION

DOT PAINT RELATED MATERIAL, 3, UN 1263, II
See 49CFR 172.101 for Special Provisions, Packaging, and Quantity Limitations.

XV. REGULATORY INFORMATION

Chemical Name	Regulation	CASRN	%
No 313-listed chemicals in this product acetone	SARA 313 Reportable: New Jersey Right To Know:	67-64-1	100.00

XVI. ADDITIONAL INFORMATION

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.