



M562-069 UNIVERSAL COLOR RED LIBERTY

MATERIAL SAFETY DATA SHEET

RPM Wood Finishes Group
3194 Hickory Boulevard
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: 1 Flammability: 2 Reactivity 0

PRODUCT NAME: M562-069 UNIVERSAL COLOR RED LIBERTY

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 10/08/05
SUPERCEDES: 09/07/03
MSDS NO. M562-069

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
aliphatic petroleum distillates	21-30	64742-88-7	No PEL established
alkyd resin solids	11-20	PROPRIETARY	No PEL established
C.I. Pigment red 120	1-10	2786-76-7	No PEL established
CADMIUM	<1	7440-43-9	dust: 0.2 mg/m3 TWA; C 0.6 mg/m3; apply only to exempt operations
	91-100		

III. HAZARDS IDENTIFICATION

Routes of Entry: Skin contact., Eye contact., Inhalation., Ingestion., Absorption.
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: Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

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

Skin Absorption: Toxic if absorbed through the skin. Likely to cause significant 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:
Cadmium dust respiratory system, kidneys, blood, prostate and lung cancer

Long-Term (Chronic) Health Effects:

Carcinogenicity: No data available. Contains a substance that is a possible cancer hazard based on high dose animal studies and/or a human study.

Reproductive and Developmental Toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

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: Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

Eye Contact: Upon prolonged or repeated contact, can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

Skin Absorption: Upon prolonged or repeated exposure, toxic if absorbed through the skin. Likely to cause systemic damage.

Target Organ Chronic Toxicity: No organs known to be damaged from exposure to this product.

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

Eyes: 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 soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

Ingestion: Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS.

Notes to MD: No additional first aid information available.

V. FIRE FIGHTING MEASURES

Flammability Summary:

Flash Point: 142 (CALC.) °F

Fire Hazards: Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition.

Fire Fighting Instructions: Use methods for the surrounding fire. Do not enter fire area without proper protection including self-contained 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.

Hazardous Combustion Products: Carbon monoxide Hydrogen Toxic gases

VI. ACCIDENTAL RELEASE MEASURES

Health Consideration for Spill Response: No health affects 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: Wash thoroughly after handling. Avoid contact with material. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Use spark-proof tools and explosion-proof equipment. Avoid creating dusts as an explosive dust air mixture can be created at high concentrations. If dusts are created, ensure no sources of ignition are present. Take precautionary measures to prevent electrostatic discharges. Minimize dust generation and accumulation. Remove contaminated clothing and wash before reuse. Mildly irritating material. Avoid unnecessary exposure.

Storage: Keep away from heat, sparks, and flame. Keep away from food and drinking water. Store in a cool dry place. Isolate from incompatible materials.

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. Explosion proof exhaust ventilation should be used. Facilities storing or using this material should be equipped with an eyewash and safety shower. 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

Physical State:	COLORED LIQUID
Odor:	OILY HYDROCARBON
Solids Vol %:	64.4084
Solids Wt %:	72.336
Material VOC lbs/gal:	2.2581
Material VOC gms/l:	271.1803
Coatings VOC lbs/gal:	2.2581
Coatings VOC gms/l:	271.1803
Weight per gallon lbs:	8.1812

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

X. STABILITY AND REACTIVITY

Stability Information:	Stable under normal conditions.
Conditions to Avoid:	Contamination. None known.
Chemical Incompatibility:	Strong oxidizing agents. Acids. Moisture.
Hazardous Polymerization:	Hazardous Polymerization will not occur.

XI. TOXICOLOGICAL INFORMATION

Chemical Name	CAS Number	LD50/LC50
Cadmium	7440-43-9	Inhalation LC50 Rat : 25 mg/m ³ /30M; Oral LD50 Rat : 2330 mg/kg; Oral LD50 Mouse : 890 mg/kg

XII. ECOLOGICAL INFORMATION

Overview (for ingredients):	No data available. This material is not expected to be harmful to the ecology.
------------------------------------	--

XIII. DISPOSAL CONSIDERATIONS

Waste Description for Spent Product:	Spent or discarded material is a hazardous waste.
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:	If discarded, this product is considered a RCRA ignitable waste, D001.

Components Subject to USEPA Land Disposal Restrictions:

Cadmium	7440-43-9	100.00
		0.00 %

XIV. TRANSPORTATION INFORMATION

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

Chemical Name	Regulation	CASRN	%
Cadmium	SARA 313 Reportable:	7440-43-9	100.00
			0.00
Barium	SARA 313 Reportable:	7440-39-3	0.00
Arsenic	SARA 313 Reportable:	7440-38-2	0.00
Lead	SARA 313 Reportable:	7439-92-1	0.00
Antimony	SARA 313 Reportable:	7440-36-0	0.00
Mercury	SARA 313 Reportable:	7439-97-6	0.00
Copper	SARA 313 Reportable:	7440-50-8	0.00
Selenium	SARA 313 Reportable:	7782-49-2	0.00
Chromium	SARA 313 Reportable:	7440-47-3	0.00
Zinc	SARA 313 Reportable:	7440-66-6	0.00
Cadmium	California Proposition 65 Cancer List:	7440-43-9	100.00
			0.00
Arsenic	California Proposition 65 Cancer List:	7440-38-2	0.00
Lead	California Proposition 65 Cancer List:	7439-92-1	0.00
Cadmium	California Proposition 65 Developmental Toxicity:	7440-43-9	100.00
			0.00
Lead	California Proposition 65 Developmental Toxicity:	7439-92-1	0.00
			0.00
Mercury	California Proposition 65 Developmental Toxicity:	7439-97-6	0.00
			0.00
Lead	California Proposition 65 Reproductive - Male:	7439-92-1	0.00
			0.00
Cadmium	California Proposition 65 Reproductive - Female:	7440-43-9	100.00
			0.00
Lead	California Proposition 65 Reproductive - Female:	7439-92-1	0.00
			0.00
aliphatic petroleum distillates	New Jersey Right To Know:	64742-88-7	27.66
alkyd resin solids	New Jersey Right To Know:	PROPRIETARY	12.32
C.I. Pigment red 120	New Jersey Right To Know:	2786-76-7	9.99

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.