



B550-3001 GEL CLEAR GLOSS

# MATERIAL SAFETY DATA SHEET

RPM Wood Finishes Group  
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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: B550-3001 GEL CLEAR GLOSS

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 25/06/01  
SUPERCEDES: None  
MSDS NO. B550-3001

## II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
Solvent naphtha (petroleum) medium aliphatic	61-70	64742-88-7	No PEL established
Hydrogenated casor oil	1-10	8001-78-3	No PEL established
1,2,4 -trimethylbenzene	1-10	95-63-6	No PEL established
Cobalt Compounds	<1	7440-48-4	0.1 mg/m3 TWA

## III. HAZARDS IDENTIFICATION

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

### Immediate (Acute) Health Effects

**Inhalation**

**Extreme Warning:** Can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.

**General Warning:** No data.

**Extreme Toxic Warning:** No data.

**General Toxic Warning:** No data.

**Skin Contact**

**Extreme Warning:** Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

**General Warning:** May cause skin sensitization, an allergic reaction, which becomes evident on re exposure to this material.

**Eye Contact**

**Extreme Warning:** Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

**General Warning:** No data.

**Skin Absorption**

**Extreme Warning:** No absorption hazard in normal industrial use.

**General Warning:** No component(s) in this product is known to be absorbed through the skin.

**Ingestion**

**Extreme Warning:** Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort.

**General Warning:** Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

**Extreme Toxic Warning:**

**General Toxic Warning:** No data.

**Target Organ Acute Toxicity:**

1,2,4-Trimethylbenzene eyes, skin, respiratory system, CNS, blood

Cobalt metal, dust and fume respiratory system, skin

**Long-Term (Chronic) Health Effects:**

**Carcinogenicity**

**Extreme Warning:** None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.

**General Warning:** No data available.

**Reproductive and Developmental Toxicity**

**Extreme Warning:** No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

**General Warning:** No information available.

**Mutagenicity:**

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

**Inhalation**

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

**General Warning:** No data.

**Skin Contact**

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

**General Warning:** Prolonged contact with this product can cause reddening, swelling, rash, scaling, or blistering. In those who have developed skin sensitization, these symptoms can develop as a result of contact with a very small amount of the liquid material.

**Eye Contact**

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

**General Warning:** No data.

**Skin Absorption**

**Extreme Warning:** Upon prolonged or repeated exposure, no hazard in normal industrial use.

**General Warning:** Skin sensitization, characterized by redness, inflammation, itching and/or burning may result from prolonged or repeated contact with this material.

**Target Organ Chronic Toxicity**

No data.

**Supplemental Health Hazard**

No additional health information available.

**Information:**

**IV. FIRST AID**

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**Inhalation**

**Extreme Warning:** Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.

<b>General Warning:</b>	No data.
<b>Eyes</b>	
<b>Extreme Warning:</b>	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.
<b>General Warning:</b>	No data.
<b>Skin Contact</b>	
<b>Extreme Warning:</b>	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
<b>General Warning:</b>	No data.
<b>Ingestion</b>	
<b>Extreme Warning:</b>	Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this MSDS.
<b>General Warning:</b>	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.
<b>Notes to MD:</b>	No additional first aid information available.

## **V. FIRE FIGHTING MEASURES**

### **Flammability Summary:**

<b>Flash Point:</b>	45C; 113F
<b>Fire Hazards</b>	
<b>Extreme Warning:</b>	Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition.
<b>General Warning:</b>	No data.
<b>Extinguishing Media</b>	
<b>Fire Fighting Instructions</b>	
<b>Extreme Warning:</b>	Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment.
<b>General Warning:</b>	No data.
<b>Hazardous Combustion Products:</b>	Carbon monoxide

## **VI. ACCIDENTAL RELEASE MEASURES**

### **Health Consideration for Spill Response**

<b>Extreme Warning:</b>	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
<b>General Warning:</b>	No data.

### **Spill Mitigation Procedures**

#### **General Methods:**

<b>Extreme Warning:</b>	No special spill clean-up considerations. Collect and discard in regular trash.
<b>General Warning:</b>	No data.

## **VII. HANDLING AND STORAGE**

### **Handling**

<b>Extreme Warning:</b>	Mildly irritating material. Avoid unnecessary exposure.
<b>General Warning:</b>	Follow all protective equipment recommendations provided in Section VIII. Rags or other materials containing this product may oxidize and ignite. All contaminated materials should be isolated immediately to avoid spontaneous combustion. Iron oxide pigments may accelerate this process.

### **Storage**

<b>Extreme Warning:</b>	Store in a cool dry place. Isolate from incompatible materials.
<b>General Warning:</b>	

## VIII. ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

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### Engineering Controls

**Extreme Warning:**

No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use.

**General Warning:**

Check ventilation codes.

### 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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Physical State:	CLEAR VISCOUS LIQUID
Odor:	OILY HYDROCARBON
Solids Vol %	30.7996
Solids Wt %	37.012
Material VOC lbs/gal:	4.44
Material VOC gms/l:	532.6563
Weight per gallon:	7.0577

## X. STABILITY AND REACTIVITY

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### Stability Information

**Extreme Warning:**

Stable under normal conditions.

### Conditions to Avoid

**Extreme Warning:**

None known.

**General Warning:**

None known.

**Chemical Incompatibility:**

Strong oxidizing agents.

## XI. TOXICOLOGICAL INFORMATION

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Chemical Name	CAS Number	LD50/LC50
Castor oil, hydrogenated	8001-78-3	Oral LD50 Rat : >10 gm/kg
Benzene, 1,2,4-trimethyl-	95-63-6	Inhalation LC50 Rat : 18 gm/m <sup>3</sup> /4H; Oral LD50 Rat : 5 gm/kg
Cobalt	7440-48-4	Oral LD50 Rat : 6171 mg/kg

## XII. ECOLOGICAL INFORMATION

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**Overview (for ingredients):**

No data available.

**Ecological Toxicity Values:**

### **XIII. DISPOSAL CONSIDERATIONS**

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#### **Waste Description for Spent Product:**

**Extreme Warning:** Spent or discarded material is a hazardous waste.

**General Warning:** No data.

#### **Disposal Methods:**

**Extreme Warning:** 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**

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**DOT** Paint Combustible liquid UN1263 PGIII

Gallon or less ORM-D \*\*\*Label:none

### **XV. REGULATORY INFORMATION**

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Toxic Substances Control Act (TSCA):

<b>Chemical Name</b>	<b>Regulation</b>	<b>CASRN</b>	<b>%</b>
1,2,4-Trimethylbenzene	SARA 313 Reportable:	95-63-6	1.25
Cobalt	SARA 313 Reportable:	7440-48-4	0.11
Cobalt metal powder	California Proposition 65 Cancer List:	7440-48-4	0.11
Solvent naphtha (petroleum) medium aliphatic	New Jersey Right To Know:	64742-88-7	61.14
Resin	New Jersey Right To Know:		34.3
Hydrogenated casor oil	New Jersey Right To Know:	8001-78-3	2.6
1,2,4 -trimethylbenzene	New Jersey Right To Know:	95-63-6	1.25
METHYL ETHYL KETOXIME	New Jersey Right To Know:	96-29-7	0.6

### **XVI. ADDITIONAL INFORMATION**

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#### **Other Information:**

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MSDS glossary.