



M115-0544 Natural Cherry Aerosol

# 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: 4                      Reactivity 0

PRODUCT NAME: M115-0544 Natural Cherry Aerosol

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE:                      08/02/02  
SUPERCEDES:                              None  
MSDS NO.                                      M115-0544

## II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
acetone	21-30	67-64-1	1000 ppm TWA; 2400 mg/m3 TWA
Propane	11-20	74-98-6	1000 ppm TWA; 1800 mg/m3 TWA
n-Butyl acetate	11-20	123-86-4	150 ppm TWA; 710 mg/m3 TWA
Ethyl Acetate	1-10	141-78-6	400 ppm TWA; 1400 mg/m3 TWA
Isobutane	1-10	75-28-5	No PEL established
Toluene	1-10	108-88-3	200 ppm TWA; C 300 ppm
isopropanol	1-10	67-63-0	400 ppm TWA; 980 mg/m3 TWA
Resin Acids and Rosin Acids	1-10	8050-31-5	No PEL established
2-Methylpropyl isobutyrate	1-10	97-85-8	No PEL established
Nitrocellulose	1-10	9004-70-0	No PEL established
Methoxypropanol acetate	1-10	108-65-6	No PEL established
Carbon Black	<1	1333-86-4	3.5 mg/m3 TWA

## III. HAZARDS IDENTIFICATION

**Routes of Entry:** Inhalation, ingestion, skin, eyes.  
**Medical Conditions Aggravated:** Skin disease including eczema and sensitization. Respiratory disease including asthma and bronchitis. Eye disease. Kidney disease. Liver disease.

### Immediate (Acute) Health Effects

**Inhalation:** Irritation may be delayed for several hours. Can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.

**Skin Contact:** Substance causes moderate skin irritation. Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.

**Eye Contact:** Can cause irritation. Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in tearing and reddening, but not likely to permanently injure eye tissue. Temporary vision impairment (cloudy or blurred vision) is possible.

**Skin Absorption:** Can be absorbed through the skin but exposure must be extensive before adverse health effects occur. Harmful if absorbed through the skin. May cause severe irritation and systemic damage.

**Ingestion:** Harmful if swallowed. 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:**

Acetone	respiratory system, skin, eyes, CNS
Propane	CNS
n-Butyl acetate	eyes, skin, respiratory system, CNS
Ethylacetate	eyes, skin, respiratory system
Isobutane	CNS
Toluene	CNS, liver, kidneys, skin, eyes, respiratory system
Isopropyl alcohol	eyes, skin, respiratory system
Carbon black	respiratory system, eyes, lymphatic cancer

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

**Carcinogenicity:** Contains a substance that is a probable cancer hazard based on human studies.

**Reproductive and Developmental Toxicity:** Possible reproductive hazard.

**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 may cause irritation.

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

**Target Organ Chronic Toxicity:** Respiratory Tract. Skin. Nervous System. Eyes. Skin. Kidneys. Liver. None known.

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

**IV. FIRST AID**

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**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 eyes with plenty of water. Get medical attention, if irritation persists. Immediately 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 and monitor the eye daily as advised by your physician.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists. 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. 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**

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### **Flammability Summary:**

**Flash Point:** -144C; -97F  
**Autoignition Temperature:** 425 deg. C  
**Upper Flammable/Explosive Limit, % in air:** 12.8 @ 77° F  
**Lower Flammable/Explosive Limit, % in air:** 1.4 @ 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. H<sub>2</sub>O, CO<sub>2</sub>, dry chemical, foam. Carbon dioxide Alcohol foam 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 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.

**Hazardous Combustion Products:** Carbon dioxide, Carbon monoxide Toxic gases Hydrogen cyanide Nitrogen containing gases

## **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:**

Gather and store in a sealed container pending a waste disposal evaluation. Avoid runoff into storm sewers and ditches that lead to waterways. No special spill clean-up considerations. Collect and discard in regular trash.

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**VII. HANDLING AND STORAGE**

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- Handling:** Use spark-proof tools and explosion-proof equipment. Wash thoroughly after handling. Avoid contact with material. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material. Keep in air-tight containers- material is hygroscopic.
- Storage:** Keep away from heat, sparks, and flame. Keep away from sources of ignition. Keep container closed when not in use. Store in a cool place in original container and protect from sunlight.

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

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- Engineering Controls:** Ventilation should effectively remove and prevent buildup of any vapor/mist/fume generated from the handling of this product. Explosion proof exhaust ventilation should be used.

**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.

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**IX. PHYSICAL DATA**

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- Physical State:** COLORED LIQUID  
**Odor:** STRONG SOLVENT  
**Solids Vol %:** 5.8055  
**Solids Wt %:** 10  
**Material VOC lbs/gal:** 4.479  
**Material VOC gms/l:** 537.8899  
**Weight per gallon:** 6.4603

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**X. STABILITY AND REACTIVITY**

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- Stability Information:** Stable.

**Conditions to Avoid:** Avoid: heat, sparks, flame and oxidizing agents. High temperatures.

**Chemical Incompatibility:** Strong oxidizing agents. Strong acids. Strong alkalies. Amines.

## **XI. TOXICOLOGICAL INFORMATION**

<b>Chemical Name</b>	<b>CAS Number</b>	<b>LD50/LC50</b>
Acetone	67-64-1	Inhalation LC50 Rat : 50100 mg/m <sup>3</sup> /8H; Inhalation LC50 Mouse : 44 gm/m <sup>3</sup> /4H; Oral LD50 Rat : 5800 mg/kg; Oral LD50 Mouse : 3 gm/kg
Acetic acid, butyl ester	123-86-4	Inhalation LC50 Rat : 2000 ppm/4H; Inhalation LC50 Mouse : 6 gm/m <sup>3</sup> /2H; Oral LD50 Rat : 10768 mg/kg; Oral LD50 Mouse : 6 gm/kg; Dermal LD50 Rabbit : >17600 mg/kg
Acetic acid, ethyl ester	141-78-6	Inhalation LC50 Rat : 200 gm/m <sup>3</sup> ; Inhalation LC50 Mouse : 45 gm/m <sup>3</sup> /2H; Oral LD50 Rat : 5620 mg/kg; Oral LD50 Mouse : 4100 mg/kg; Dermal LD50 Rabbit : >20 mL/kg
Propane, 2-methyl-Toluene	75-28-5 108-88-3	Inhalation LC50 Rat : 57 pph/15M Inhalation LC50 Rat : 49 gm/m <sup>3</sup> /4H; Inhalation LC50 Mouse : 400 ppm/24H; Oral LD50 Rat : 636 mg/kg; Dermal LD50 Rabbit : 14100 uL/kg
Isopropyl alcohol	67-63-0	Inhalation LC50 Rat : 16000 ppm/8H; Oral LD50 Rat : 5045 mg/kg; Oral LD50 Mouse : 3600 mg/kg; Dermal LD50 Rabbit : 12800 mg/kg
Isobutyric acid, isobutyl ester	97-85-8	Inhalation LC50 Rat : 5000 ppm/6H; Oral LD50 Rat : 12800 mg/kg; Dermal LD50 Rabbit : >8600 mg/kg
Nitrocellulose	9004-70-0	Oral LD50 Rat : >5 gm/kg; Oral LD50 Mouse : >5 gm/kg
Acetic acid, 2-methoxy-1-methylethyl ester	108-65-6	Oral LD50 Rat : 8532 mg/kg; Dermal LD50 Rabbit : >5 gm/kg
Carbon black	1333-86-4	Oral LD50 Rat : >15400 mg/kg; Dermal LD50 Rabbit : >3 gm/kg

## **XII. ECOLOGICAL INFORMATION**

**Overview (for ingredients):** Keep out of waterways.

**Ecological Toxicity Values:**

## **XIII. DISPOSAL CONSIDERATIONS**

**Waste Description for Spent Product:** The waste may be a listed and/or characteristic hazardous waste. The waste may be a listed hazardous waste. The waste may be a "special" waste. 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:**

Acetone	67-64-1	20.65 %
Ethylacetate	141-78-6	7.25 %
Toluene	108-88-3	5.07 %

## **XIV. TRANSPORTATION INFORMATION**

**DOT** Flammable gas (2.1) UN1950 G126;Qt or less ship: ORM-D

## **XV. REGULATORY INFORMATION**

Toxic Substances Control Act (TSCA): A component (or components) of this product is not listed on the TSCA Inventory of Existing Chemical Substances.

<b>Chemical Name</b>	<b>Regulation</b>	<b>CASRN</b>	<b>%</b>
Toluene	SARA 313 Reportable:	108-88-3	5.07
Isopropyl alcohol	SARA 313 Reportable:	67-63-0	4.03

Xylene (mixed isomers)	SARA 313 Reportable:	1330-20-7	0.00
Cumene	SARA 313 Reportable:	98-82-8	0.00
Ethyl benzene	SARA 313 Reportable:	100-41-4	0.00
1,2,4-Trimethylbenzene	SARA 313 Reportable:	95-63-6	0.00
Carbon Black	California Proposition 65 Cancer List:	1333-86-4	0.09
Toluene	California Proposition 65 Developmental Toxicity:	108-88-3	5.07
acetone	New Jersey Right To Know:	67-64-1	20.65
Propane	New Jersey Right To Know:	74-98-6	14.73
n-Butyl acetate	New Jersey Right To Know:	123-86-4	13.77
Ethyl Acetate	New Jersey Right To Know:	141-78-6	7.25
Isobutane	New Jersey Right To Know:	75-28-5	6.68

## **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.