



M103-0200 FABRISAFE AEROSOL

# MATERIAL SAFETY DATA SHEET

RPM Wood Finishes Group  
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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: M103-0200 FABRISAFE AEROSOL

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 10/03/03  
SUPERCEDES: None  
MSDS NO. M103-0200

## II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
aliphatic hydrocarbons	51-60	8052-41-3	500 ppm TWA; 2900 mg/m3 TWA
propane	11-20	74-98-6	1000 ppm TWA; 1800 mg/m3 TWA
Petroleum Solvent	11-20	64742-48-9	No PEL established
isobutane	1-10	75-28-5	No PEL established
acetone	1-10	67-64-1	1000 ppm TWA; 2400 mg/m3 TWA
PM acetate	1-10	108-65-6	No PEL established

## III. HAZARDS IDENTIFICATION

**Routes of Entry:** Eye contact., Inhalation., Skin contact., Ingestion.  
**Medical Conditions Aggravated:** Kidney disease. Eye disease. Skin disease including eczema and sensitization. Respiratory disease including asthma and bronchitis.

### Immediate (Acute) Health Effects

**Inhalation:** Can cause severe central nervous system depression (including unconsciousness). High concentrations may be fatal. 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 moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue. 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. No absorption hazard in normal industrial use.

**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:**

Stoddard solvent	skin, eyes, CNS, respiratory system, kidneys
Propane	CNS
Isobutane	CNS
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 moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

**Eye Contact:** Upon prolonged or repeated contact, can 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:** Upon prolonged or repeated exposure, no hazard in normal industrial use.

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

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

**IV. FIRST AID**

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

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

**Ingestion:** No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

**Notes to MD:** No additional first aid information available.

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## **V. FIRE FIGHTING MEASURES**

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### **Flammability Summary:**

**Flash Point:** -144 (CALC.) °F  
**Upper Flammable/Explosive Limit, % in air:** 6.0 @ 77° F  
**Lower Flammable/Explosive Limit, % in air:** 1.1 @ 77° F

**Fire Hazards:** 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:** Alcohol foam 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

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## **VI. ACCIDENTAL RELEASE MEASURES**

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**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.

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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. Ground and bond containers when transferring material. Keep in air-tight containers- material is hygroscopic. Remove contaminated clothing and wash before reuse. Mildly irritating material. Avoid unnecessary exposure.

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

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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. 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.

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## **IX. PHYSICAL DATA**

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<b>Physical State:</b>	CLEAR LIQUID
<b>Odor:</b>	STRONG SOLVENT
<b>Solids Vol %:</b>	11.3656
<b>Solids Wt %:</b>	0.6789
<b>Material VOC lbs/gal:</b>	5.5436
<b>Material VOC gms/l:</b>	665.7365
<b>Coatings VOC lbs/gal:</b>	5.7765
<b>Coatings VOC gms/l:</b>	693.7062
<b>Weight per gallon:</b>	5.8625

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## **X. STABILITY AND REACTIVITY**

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**Stability Information:** 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. Strong alkalis.

## **XI. TOXICOLOGICAL INFORMATION**

<b>Chemical Name</b>	<b>CAS Number</b>	<b>LD50/LC50</b>
Propane, 2-methyl-Acetone	75-28-5 67-64-1	Inhalation LC50 Rat : 57 pph/15M 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, 2-methoxy-1-methylethyl ester	108-65-6	Oral LD50 Rat : 8532 mg/kg; Dermal LD50 Rabbit : >5 gm/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:** The waste may be a characteristic hazardous 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	4.55 %
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## **XIV. TRANSPORTATION INFORMATION**

**DOT** Compressed gas, flammable, n.o.s., 2.1, UN 1954 (contains )

## **XV. REGULATORY INFORMATION**

<b>Chemical Name</b>	<b>Regulation</b>	<b>CASRN</b>	<b>%</b>
No 313-listed chemicals in this product	SARA 313 Reportable:		
aliphatic hydrocarbons	New Jersey Right To Know:	8052-41-3	54.25
propane	New Jersey Right To Know:	74-98-6	16.68
Petroleum Solvent	New Jersey Right To Know:	64742-48-9	13.58
isobutane	New Jersey Right To Know:	75-28-5	7.56
acetone	New Jersey Right To Know:	67-64-1	4.55

## **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.