

# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product number** CP735RICMAR  
**Product name** SPRAY RUBBERIZED UNDERCOATING  
**Effective date** 09-Nov-2010  
**Company information** RICMAR INDUSTRIES  
889 N LARCH AVE  
ELMHURST, IL 60126 United States  
**Company phone** General Assistance 800-323-0779  
**Emergency telephone US** 1-866-836-8855  
**Emergency telephone outside US** 703-527-3887  
**Version #** 12  
**Supersedes date** 16-Aug-2010

## 2. Hazards Identification

**Emergency overview** Aerosol. EXTREMELY FLAMMABLE  
VAPOR HARMFUL.  
CONTENTS UNDER PRESSURE.  
Will be easily ignited by heat, spark or flames. Irritating to eyes. Irritating to skin.  
Prolonged exposure may cause chronic effects. May cause cancer.

**Potential health effects**

**Routes of exposure** Eye contact. Inhalation. Skin contact. Ingestion.

**Eyes** Contact may irritate or burn eyes. Eye contact may result in corneal injury.

**Skin** Irritating to skin. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

**Inhalation** Intentional misuse by concentrating and inhaling the product can be harmful or fatal.  
Prolonged inhalation may be harmful.

**Ingestion** Exposure by ingestion of an aerosol is unlikely. May cause delayed lung damage.  
Components of the product may be absorbed into the body by ingestion.

**Target organs** Central nervous system. Kidneys. Liver. Lungs.

**Chronic effects** Conjunctiva. Liver injury may occur. Kidney injury may occur. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. May cause delayed lung injury.

**Signs and symptoms** Discomfort in the chest. Corneal damage. Narcosis. Coughing. Liver enlargement.  
Jaundice. Conjunctivitis. Defatting of the skin. Skin irritation.

## 3. Composition / Information on Ingredients

Components	CAS #	Percent
Acetone	67-64-1	30 - 40
Toluene	108-88-3	10 - 15
Propane	74-98-6	10 - 15
Stoddard Solvent	8052-41-3	3 - 5
Talc	14807-96-6	3 - 5
Carbon Black	1333-86-4	1 - 3
Non-hazardous and other components below reportable levels		20 - 40

## 4. First Aid Measures

### First aid procedures

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

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<b>Skin contact</b>	Remove and isolate contaminated clothing and shoes. Wash off with warm water and soap. Get medical attention if irritation develops and persists.
<b>Inhalation</b>	Move to fresh air. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention if symptoms persist.
<b>Ingestion</b>	If material is ingested, immediately contact a poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not induce vomiting without advice from poison control center. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

### 5. Fire Fighting Measures

<b>Flammable properties</b>	Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Foam. Dry chemical. Carbon dioxide (CO2). Do not use water jet.
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Fire may produce irritating, corrosive and/or toxic gases.
<b>Protective equipment and precautions for firefighters</b>	In case of fire and/or explosion do not breathe fumes. Containers should be cooled with water to prevent vapor pressure build up.

### 6. Accidental Release Measures

<b>Methods for containment</b>	Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk.
<b>Methods for cleaning up</b>	Should not be released into the environment. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

### 7. Handling and Storage

<b>Handling</b>	Pressurized container: Do not pierce or burn, even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Use only in area provided with appropriate exhaust ventilation. Do not use if spray button is missing or defective. Do not re-use empty containers. Do not get this material in contact with eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin. Wear personal protective equipment. Avoid prolonged exposure.
<b>Storage</b>	Contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase under the influence of heat. Keep away from heat and sources of ignition. Avoid exposure to long periods of sunlight. Store in cool place. Keep in an area equipped with sprinklers. Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. Level 3 Aerosol.

### 8. Exposure Controls / Personal Protection

#### Exposure limits

##### ACGIH

Components	CAS #	TWA	STEL	Ceiling
Acetone	67-64-1	500 ppm	750 ppm	Not established
Toluene	108-88-3	20 ppm	Not established	Not established
Propane	74-98-6	1000 ppm	Not established	Not established
Stoddard Solvent	8052-41-3	100 ppm	Not established	Not established
Talc	14807-96-6	2 mg/m3	Not established	Not established
Carbon Black	1333-86-4	3.5 mg/m3	Not established	Not established

OSHA Components	CAS #	TWA	STEL	Ceiling
Acetone	67-64-1	1000 ppm	Not established	Not established
Toluene	108-88-3	200 ppm	Not established	300 ppm
Propane	74-98-6	1000 ppm	Not established	Not established
Stoddard Solvent	8052-41-3	500 ppm	Not established	Not established
Carbon Black	1333-86-4	3.5 mg/m3	Not established	Not established

#### Personal protective equipment

Eye / face protection	Do not get in eyes. Chemical goggles are recommended.
Skin protection	Wear appropriate chemical resistant clothing. Chemical resistant gloves.
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

### 9. Physical & Chemical Properties

Appearance	Compressed liquefied gas.
Boiling point	298.4 °F (147.8 °C) estimated
Color	Black.
Density	0.8767 g/cm3 estimated
Flammability (HOC)	43.739 kJ/g estimated
Flash back	Yes
Flash point	-156 °F (-104.4 °C) Propellant
Form	Aerosol.
Freezing point	Not available
Odor	Solvent.
pH	Not applicable
Physical state	Liquid.
Pressure	53 - 63 psig @ 70F
Solubility	None
Specific gravity	0.8768 estimated

### 10. Chemical Stability & Reactivity Information

Chemical stability	Risk of ignition.
Conditions to avoid	Heat, flames and sparks.
Hazardous decomposition products	Irritants. Toxic gas.

### 11. Toxicological Information

Acute effects	Acute LD50: 30345 mg/kg estimated, Rat, Dermal
Component analysis - LD50	
Toxicology Data - Selected LD50s and LC50s	
Acetone	67-64-1 Oral LD50 Rat 5800 mg/kg
Carbon Black	1333-86-4 Oral LD50 Rat >15400 mg/kg, Dermal LD50 Rabbit >3 g/kg
Propane	74-98-6 Inhalation LC50 Rat 658 mg/L 4 h
Toluene	108-88-3 Inhalation LC50 Rat 12.5 mg/L 4 h, Inhalation LC50 Rat >26700 ppm 1 h, Oral LD50 Rat 636 mg/kg, Dermal LD50 Rabbit 8390 mg/kg, Dermal LD50 Rat 12124 mg/kg
Carcinogenicity	Hazardous by OSHA criteria.
IARC - Group 2B (Possibly Carcinogenic to Humans)	
Carbon Black	1333-86-4 Monograph 93 [in preparation]; Monograph 65 [1996]

### 12. Ecological Information

Ecotoxicity	LC50 189 mg/L estimated, Fish, 96.00 Hours, EC50 58.4 mg/L estimated, Daphnia, 48.00 Hours, IC50 292 mg/L estimated, Algae, 72.00 Hours, Components of this product are hazardous to aquatic life.
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### 13. Disposal Considerations

**Waste codes** D001: Waste Flammable material with a flash point <140 F  
**Disposal instructions** Contents under pressure. Dispose of this material and its container to hazardous or special waste collection point. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001.

### 14. Transport Information

#### Department of Transportation (DOT) Requirements

**Basic shipping requirements:**  
**Proper shipping name** Consumer commodity  
**Hazard class** ORM-D  
**Subsidiary hazard class** None  
**Additional information:**  
**Packaging exceptions** 156, 306  
**Packaging non bulk** 156, 306  
**Packaging bulk** None

#### IMDG

**Basic shipping requirements:**  
**Proper shipping name** AEROSOLS  
**Hazard class** 2.1  
**UN number** 1950  
**Additional information:**  
**Packaging exceptions** LTD QTY  
**Item** 5F  
**Labels required** None  
**Transport Category** 2



#### IATA

**Basic shipping requirements:**  
**Proper shipping name** Aerosols, flammable  
**Hazard class** 2.1  
**UN number** 1950  
**Additional information:**  
**Packaging exceptions** LTD QTY  
**Labels required** None



### 15. Regulatory Information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Toluene 106-88-3 1.0 % de minimis concentration

#### Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

#### CERCLA (Superfund) reportable quantity

Acetone: 5000.0000  
Toluene: 1000.0000

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous substance No  
Section 311 hazardous chemical Yes

**Hazard categories (311/312)** Immediate Hazard - Yes  
 Delayed Hazard - Yes  
 Fire Hazard - Yes  
 Pressure Hazard - Yes  
 Reactivity Hazard - No

**Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of New and Existing Chemicals (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**State regulations** WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**U.S. - Pennsylvania - RTK (Right to Know) List**

Acetone	67-64-1	Environmental hazard
Carbon Black	1333-86-4	Present
Propane	74-98-6	Present
Stoddard Solvent	8052-41-3	Present
Talc	14807-96-6	Present
Toluene	108-88-3	Environmental hazard

**16. Other Information**

<b>Further information</b>	HMIS® is a registered trade and service mark of the NPCA.
<b>HMIS® ratings</b>	Health: 1* Flammability: 4 Physical hazard: 0
<b>Disclaimer</b>	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information in the sheet was written based on the best knowledge and experience currently available.
<b>MSDS sections updated</b>	Product and Company Identification: Product Review Composition / Information on Ingredients: Ingredients
<b>Prepared by</b>	Regulatory Compliance