

**Tal-Strip II Aircraft Coating Remover-Plastic Gallons****Section 1: MANUFACTURER/PREPARER INFORMATION & HAZARD WARNINGS**

Bondo Corporation  
3700 Atlanta Industrial Parkway NW  
Atlanta, GA 30331  
USA

EMERGENCY PHONE  
(800) 424-9300 CHEMTREC

INFORMATION PHONE  
N/R

DATE ISSUED/REVISED  
Jun 16, 2005

LAST VALIDATED ON  
Aug 17, 2010

**WHMIS HAZARD SYMBOLS & DEFINITIONS**

Class D-1: Poisonous & infectious material, immediate & serious toxic effects

**Section 2: HEALTH HAZARD DATA****ROUTES OF ENTRY/SIGNS & SYMPTOMS OF ACUTE EXPOSURE:**

**EYES:** 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. Can cause irritation. **SKIN:** Can cause severe irritation, defatting, and dermatitis. Irritation effects may last for hours or days but will not likely result in permanent damage. **Skin Absorption:** Harmful if absorbed through the skin. May cause severe irritation and systemic damage. Contains Methanol. May cause deterioration of the optic nerve if absorbed through the skin in large amounts. **INHALATION:** Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Inhalation Toxicity: Harmful! Can cause systemic damage. **INGESTION:** Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. This product may be harmful or fatal if swallowed. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

**Chronic Effects:** Inhalation: Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Harmful! Can cause systemic damage upon prolonged and/or repeated exposure. Skin Contact: Upon prolonged or repeated contact can cause severe irritation, defatting, and dermatitis. May cause lingering effects but not likely to result in permanent damage if the exposure is eliminated. Skin Absorption: Upon prolonged or repeated exposure, harmful if absorbed through the skin. May cause severe irritation and systemic damage. Ingestion: Toxic if swallowed. May cause target organ failure and/or death. **Carcinogens:** Not a carcinogen according to NTP, IARC, or OSHA. **Medical Conditions Aggravated by Exposure:** Eye disease, Skin disease including eczema and sensitization, Respiratory disease including asthma and bronchitis, Liver disease, Digestive tract disease, Kidney disease.

**EMERGENCY & FIRST AID PROCEDURES:**

**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. Serious harm (damage) may result if treatment is delayed. Immediately flush eyes with plenty of water for at least 20 minutes. Get immediate medical attention. Hold eyelids apart periodically while flushing. Continue to flush eyes while awaiting medical attention. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately. **SKIN:** Wash with soap and water. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately. In case of cold burns (frostbite) caused by rapidly expanding gas or vaporizing liquids, get medical attention promptly. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean contaminated shoes. **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. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. **INGESTION:** Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this MSDS. Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. Get medical attention immediately. Poison 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.

**Section 3: PREVENTATIVE MEASURES**

**Respiratory Protection:** Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. Respiratory protection may be required in addition to ventilation depending upon conditions of use.

**Ventilation:** Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

**Gloves:** Required for prolonged or repeated contact. Use solvent resistant gloves. **Eye Protection:** Wear chemically resistant safety glasses with side shields when handling this product. **Other Protective Measures:** Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield

**Work/Hygienic Practices:** As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. Wash thoroughly after handling. Facilities storing or using this material should be equipped with an eyewash and safety shower.

**Handling and Storing:** Toxic or severely irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Store in a cool dry place. Isolate from incompatible materials.

KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.

N/A=Not Applicable. N/E=Not Evaluated/Established. N/R=Not Reported by Manufacturer.

Continued on Page 2

**Section 4: HAZARDOUS COMPONENTS & EXPOSURE LIMITS**

Hazardous Component Name	CAS #	OSHA PEL	ACGIH-TLV	Other Limit	% Wt
Dichloromethane	75-09-2	25 ppm	50 ppm	125 ppm STEL	80-90
Ethanol	64-17-5	1000 ppm	1000 ppm	N/E	1-5
Methanol	67-56-1	200 ppm	200 ppm	250 ppm STEL	1-5
Mineral Spirits	8052-41-3	500 ppm	100 ppm	N/E	1-5
Water	7732-18-5	N/E	N/E	N/E	1-5
Acetic acid	64-19-7	10 ppm	10 ppm	15 ppm STEL	1-5
Paraffin Wax	8002-74-2	N/E	N/E	N/E	1-5

§ indicates a toxic chemical subject to the reporting requirements of SARA Title III, Section 313.

† indicates a chemical known to the State of California to cause cancer, birth defects or other reproductive harm per Proposition 65.

**Section 5: PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b>	39°C/102°F	<b>Specific Gravity:</b>	1.237
<b>Vapor Pressure:</b>	N/E	<b>Percent Volatile:</b>	91.47
<b>Vapor Density (Air=1):</b>	4.9	<b>Evaporation Rate:</b>	N/E
<b>Solubility in Water:</b>	50-99%	<b>pH:</b>	N/E
<b>Appearance/Odor:</b>	Clear yellow liquid/Strong odor.		

**Section 6: FIRE & EXPLOSION HAZARD DATA**

<b>Flash Point (Method):</b>	None to boiling. COMBUSTIBLE.	<b>Flammable Limits. LEL:</b>	3%	<b>UEL:</b>	N/A
<b>Extinguishing Media:</b>	Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid.				
<b>Special Firefighting Procedures:</b>	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.				
<b>Unusual Fire and Explosion Hazards:</b>	Contact of liquid or vapor with flame or hot surfaces will produce toxic gases and a corrosive residue that will cause deterioration of metal				

**Section 7: REACTIVITY DATA**

**Stability:** Stable under normal conditions. **Hazardous Polymerisation:** Will not occur. **Conditions to Avoid:** Sparks, open flame, other ignition sources, and elevated temperatures. Contamination High temperatures Elevated temperatures. **Incompatibility:** Strong oxidizing agents, Caustics (bases). **Hazardous Decomposition Products:** Carbon dioxide, Carbon monoxide, Carbon dioxide, Carbon monoxide, Hydrocarbons.

**Section 8: SPILLS, DISPOSAL & ADDITIONAL INFORMATION**

<b>Spill/Leak Procedures:</b>	Exposure to the spilled material may be severely irritating or toxic. Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 3 at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending : waste disposal evaluation.
<b>Waste Disposal:</b>	HAZARDOUS WASTE! Dispose of in accordance with federal, state or provincial and local pollution requirements. Clean preferably with a detergent, avoid the use of solvents. This information applies only to the material as manufactured; processing, use or contamination may make this information inappropriate, inaccurate or incomplete. The generator of the waste has the responsibility for proper waste classification, transportation and disposal.
<b>Additional Information:</b>	NFPA 704: Health: 3, Fire: 1, Reactivity: 0

*This MSDS has been compiled in good faith by MSDS Rx from original manufacturer's data to comply with US OSHA an WHMIS regulations. Any variation between this MSDS and the manufacturer's original MSDS is the sole responsibility o MSDS Rx. Since the conditions under which this product may be used are beyond our control, neither MSDS Rx, it client, or the manufacturer assumes any liability for any results or effects of its use or application. Email MSDS Rx a info@msdsrx.com. E&OE.*



## Material Safety Data Sheet

Copyright, 2009, 3M Company. All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M, and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Mar-Hyde(r) Tal-Strip(r) II Aircraft Coating Remover, 3713

**MANUFACTURER:** 3M

**DIVISION:** Automotive Aftermarket

**ADDRESS:** 3M Center  
St. Paul, MN 55144-1000

**EMERGENCY PHONE:** 1-800-364-3577 or (651) 737-6501 (24 hours)

**Issue Date:** 08/04/09

**Supersedes Date:** 07/07/09

**Document Group:** 24-8740-3

**Product Use:**

Intended Use: Automotive

### SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
METHYLENE CHLORIDE	75-09-2	60 - 100
ETHYL ALCOHOL	64-17-5	3 - 7
STODDARD SOLVENT	8052-41-3	1 - 5
CLAY-TREATED PARAFFIN WAXES	64742-43-4	1 - 5
WATER	7732-18-5	1 - 5
METHYL ALCOHOL	67-56-1	1 - 5
ACETIC ACID	64-19-7	1 - 5
SODIUM DODECYLBENZENESULFONATE	25155-30-0	0.5 - 1.5
HYDROXYPROPYL METHYL CELLULOSE	9004-65-3	0.5 - 1.5
PROPYLENE OXIDE	75-56-9	< 0.1

### SECTION 3: HAZARDS IDENTIFICATION

#### 3.1 EMERGENCY OVERVIEW

**Odor, Color, Grade:** Strong odor, Clear Yellow Liquid

**General Physical Form:** Liquid

**Immediate health, physical, and environmental hazards:** Combustible liquid and vapor. Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back. May cause target organ effects. May cause genotoxic or mutagenic effects. Contains a chemical or chemicals which can cause birth defects or other reproductive harm. Contains a chemical or chemicals which can cause cancer.

### **3.2 POTENTIAL HEALTH EFFECTS**

**Eye Contact:**

Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

**Skin Contact:**

Moderate Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

**Inhalation:**

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Respiratory Effects: Signs/symptoms may include cough, shortness of breath, chest tightness, wheezing, increased heart rate, bluish colored skin (cyanosis), sputum production, changes in lung function tests, and/or respiratory failure.

May be absorbed following inhalation and cause target organ effects.

**Ingestion:**

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May be absorbed following ingestion and cause target organ effects.

**Target Organ Effects:**

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Kidney/Bladder Effects: Signs/symptoms may include changes in urine production, abdominal or lower back pain, increased protein in urine, increased blood urea nitrogen (BUN), blood in urine, and painful urination.

May cause blindness.

Blood Effects: Signs/symptoms may include generalized weakness and fatigue, skin pallor, changes in blood clotting time, internal bleeding, and/or hemoglobinemia.

Prolonged or repeated exposure may cause:

Liver Effects: Signs/symptoms may include loss of appetite, weight loss, fatigue, weakness, abdominal tenderness and jaundice.

Genotoxicity and Mutagenicity: May interact with genetic material and possibly alter gene expression.

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

**Carcinogenicity:**

Contains a chemical or chemicals which can cause cancer.

NOTE: This product contains ethanol. In IARC published Monograph No. 44, entitled, "Alcohol Drinking", the carcinogenicity of ethanol was determined based on chronic exposure to ethanol through human consumption of alcoholic beverages. This is not an expected effect during the foreseeable use of this product.

<u><b>Ingredient</b></u>	<u><b>C.A.S. No.</b></u>	<u><b>Class Description</b></u>	<u><b>Regulation</b></u>
ETHYL ALCOHOL	64-17-5	Group 1	International Agency for Research on Cancer
METHYLENE CHLORIDE	75-09-2	Group 2B	International Agency for Research on Cancer
METHYLENE CHLORIDE	75-09-2	Anticipated human carcinogen	National Toxicology Program Carcinogens
METHYLENE CHLORIDE	75-09-2	Cancer hazard	OSHA Carcinogens
PROPYLENE OXIDE	75-56-9	Group 2B	International Agency for Research on Cancer
PROPYLENE OXIDE	75-56-9	Anticipated human carcinogen	National Toxicology Program Carcinogens

## SECTION 4: FIRST AID MEASURES

### 4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

**Eye Contact:** Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

**Skin Contact:** Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.

**Inhalation:** Remove person to fresh air. If signs/symptoms develop, get medical attention.

**If Swallowed:** Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1 FLAMMABLE PROPERTIES

<b>Autoignition temperature</b>	<i>No Data Available</i>
<b>Flash Point</b>	<i>Not Applicable</i>
<b>Flammable Limits - LEL</b>	<i>No Data Available</i>
<b>Flammable Limits - UEL</b>	<i>No Data Available</i>

### 5.2 EXTINGUISHING MEDIA

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

### 5.3 PROTECTION OF FIRE FIGHTERS

**Special Fire Fighting Procedures:** Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective equipment (Bunker Gear) and a self-contained

breathing apparatus (SCBA).

**Unusual Fire and Explosion Hazards:** Combustible liquid and vapor. Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back.

**Note:** See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Accidental Release Measures:** Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call 3M-HELPS line (1-800-364-3577) for more information on handling and managing the spill. Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Contain spill. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with detergent and water. Collect the resulting residue containing solution. Place in a metal container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible.

**In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.**

## SECTION 7: HANDLING AND STORAGE

### 7.1 HANDLING

Avoid eye contact. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Ground containers securely when transferring contents. Wear low static or properly grounded shoes. Avoid breathing of vapors, mists or spray. Avoid skin contact. Keep out of the reach of children. Avoid contact with oxidizing agents.

### 7.2 STORAGE

Store away from heat. Store out of direct sunlight. Keep container tightly closed. Store away from flammable and combustible materials. Store away from oxidizing agents. Store in a cool, dry place.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 ENGINEERING CONTROLS

Use in a well-ventilated area. If exhaust ventilation is not available, use appropriate respiratory protection. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapor, or spray. If ventilation is not adequate, use respiratory protection equipment.

### 8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### 8.2.1 Eye/Face Protection

Avoid eye contact.

The following eye protection(s) are recommended: Full Face Shield, Safety Glasses with side shields, Indirect Vented Goggles.

### 8.2.2 Skin Protection

Avoid skin contact.

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

Gloves made from the following material(s) are recommended: Butyl Rubber, Polyvinyl Alcohol (PVA).

### 8.2.3 Respiratory Protection

Avoid breathing of vapors, mists or spray.

Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: Half facepiece or fullface pressure demand self-contained breathing apparatus. Consult the current 3M Respiratory Selection Guide for additional information or call 1-800-243-4630 for 3M technical assistance.

### 8.2.4 Prevention of Swallowing

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

## 8.3 EXPOSURE GUIDELINES

<u><b>Ingredient</b></u>	<u><b>Authority</b></u>	<u><b>Type</b></u>	<u><b>Limit</b></u>	<u><b>Additional Information</b></u>
ACETIC ACID	ACGIH	TWA	10 ppm	
ACETIC ACID	ACGIH	STEL	15 ppm	
ACETIC ACID	OSHA	TWA	10 ppm	Table Z-1
ETHYL ALCOHOL	ACGIH	TWA	1000 ppm	Table A4
ETHYL ALCOHOL	OSHA	TWA	1000 ppm	Table Z-1
METHYL ALCOHOL	ACGIH	TWA	200 ppm	Skin Notation*
METHYL ALCOHOL	ACGIH	STEL	250 ppm	Skin Notation*
METHYL ALCOHOL	OSHA	TWA	200 ppm	Skin Notation*; Table Z-1A
METHYL ALCOHOL	OSHA	STEL	250 ppm	Skin Notation*; Table Z-1A
METHYLENE CHLORIDE	ACGIH	TWA	50 ppm	Table A3
METHYLENE CHLORIDE	OSHA	TWA	25 ppm	
METHYLENE CHLORIDE	OSHA	STEL	125 ppm	
PROPYLENE OXIDE	ACGIH	TWA	20 ppm	Sensitizer; Table A3
PROPYLENE OXIDE	CMRG	TWA	10 ppm	
PROPYLENE OXIDE	OSHA	TWA, Vacated	20 ppm	
PROPYLENE OXIDE	OSHA	TWA	100 ppm	Table Z-1
STODDARD SOLVENT	ACGIH	TWA	100 ppm	
STODDARD SOLVENT	OSHA	TWA, Vacated	100 ppm	Table Z-1A
STODDARD SOLVENT	OSHA	TWA	500 ppm	Table Z-1

\* Substance(s) refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

VAC Vacated PEL: Vacated Permissible Exposure Limits [PEL] are enforced as the OSHA PEL in some states. Check with your local regulatory agency.

#### SOURCE OF EXPOSURE LIMIT DATA:

ACGIH: American Conference of Governmental Industrial Hygienists

CMRG: Chemical Manufacturer Recommended Guideline

OSHA: Occupational Safety and Health Administration

AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odor, Color, Grade:	Strong odor, Clear Yellow Liquid
General Physical Form:	Liquid
Autoignition temperature	No Data Available
Flash Point	Not Applicable
Flammable Limits - LEL	No Data Available
Flammable Limits - UEL	No Data Available
Boiling point	102 °F
Density	1.2 g/ml
Vapor Density	4.900
Vapor Pressure	No Data Available
Specific Gravity	1.2 g/l
pH	No Data Available
Melting point	No Data Available
Solubility in Water	Moderate
Volatile Organic Compounds	12.58 % weight [Test Method: calculated SCAQMD rule 443.1]
Percent volatile	11.20 % weight
VOC Less H2O & Exempt Solvents	773.48 g/l [Test Method: calculated SCAQMD rule 443.1]

## SECTION 10: STABILITY AND REACTIVITY

**Stability:** Stable.

**Materials and Conditions to Avoid:** Sparks and/or flames; Heat; Strong bases; Strong oxidizing agents

**Hazardous Polymerization:** Hazardous polymerization will not occur.

### Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	Not Specified
Carbon dioxide	Not Specified
Oxides of Sulfur	Not Specified

## SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

## SECTION 12: ECOLOGICAL INFORMATION

### ECOTOXICOLOGICAL INFORMATION

Not determined.

### CHEMICAL FATE INFORMATION



Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Incinerate in a permitted hazardous waste incinerator. Combustion products will include HCl. Facility must be capable of handling halogenated materials.

As a disposal alternative, dispose of waste product in a permitted hazardous waste facility.

**EPA Hazardous Waste Number (RCRA):** D001 (Ignitable)

Since regulations vary, consult applicable regulations or authorities before disposal.

## SECTION 14: TRANSPORT INFORMATION

**ID Number(s):**

LB-K100-0548-3, 70-0080-0422-1

Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.

## SECTION 15: REGULATORY INFORMATION

### US FEDERAL REGULATIONS

Contact 3M for more information.

#### 311/312 Hazard Categories:

Fire Hazard - Yes    Pressure Hazard - No    Reactivity Hazard - No    Immediate Hazard - Yes    Delayed Hazard - Yes

**Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):**

<u><b>Ingredient</b></u>	<u><b>C.A.S. No</b></u>	<u><b>% by Wt</b></u>
METHYLENE CHLORIDE	75-09-2	60 - 100
METHYL ALCOHOL	67-56-1	1 - 5

### STATE REGULATIONS

Contact 3M for more information.

### CALIFORNIA PROPOSITION 65

<u><b>Ingredient</b></u>	<u><b>C.A.S. No.</b></u>	<u><b>Classification</b></u>
METHYLENE CHLORIDE	75-09-2	**Carcinogen
PROPYLENE OXIDE	75-56-9	**Carcinogen

\*\* WARNING: contains a chemical which can cause cancer.

## **CHEMICAL INVENTORIES**

Contact 3M for more information.

## **INTERNATIONAL REGULATIONS**

Contact 3M for more information.

<b>This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.</b>
---

## **SECTION 16: OTHER INFORMATION**

### **NFPA Hazard Classification**

**Health: 2 Flammability: 2 Reactivity: 0 Special Hazards: None**

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

### **Revision Changes:**

Section 16: NFPA hazard classification for health was modified.  
Section 4: First aid for eye contact - decontamination - was modified.  
Section 4: First aid for eye contact - medical assistance - was modified.  
Section 3: Potential effects from eye contact was modified.  
Section 3: Potential effects from skin contact information was modified.  
Section 3: Potential effects from inhalation information was modified.  
Section 6: Release measures information was modified.  
Section 13: Waste disposal method information was modified.  
Section 3: Carcinogenicity phrase was modified.  
Section 3: Immediate other hazard(s) was modified.  
Section 3: Other health effects information was modified.  
Section 5: Flammable limits (LEL) information was modified.  
Section 9: Property description for optional properties was modified.  
Section 9: Flammable limits (LEL) information was modified.  
Section 2: Ingredient table was modified.  
Section 15: EPCRA 313 information was modified.  
Section 8: Exposure guidelines ingredient information was modified.  
Section 3: Carcinogenicity table was modified.  
Section 15: California proposition 65 ingredient information was modified.  
Section 3: Other health effects information (mutagenicity) was added.  
Section 8: Exposure guidelines legend was added.

Section 4: Conditions aggravated by exposure heading was deleted.

Section 3: Immediate skin hazard(s) was deleted.

Section 3: Immediate eye hazard(s) was deleted.

Section 4: Conditions aggravated by exposure information was deleted.

DISCLAIMER: The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

3M provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, 3M makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the MSDS available directly from 3M.

**3M MSDSs are available at [www.3M.com](http://www.3M.com)**