



**Chemical Name:** Anti-Spatter Shield

**Manufacturer:** Matheson Tri-gas

**Container size:** 16oz.

**Location:** VLA

**Disposal:** Place empty container in trash.

MATERIAL SAFETY DATA SHEET  
May be used to comply with  
OSHA's Hazard Communication  
Standard, 29CFR 1910.2100.

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health  
Administration (Non-Mandatory Form)

001- SOLVENT BASED ANTI-SPATTER AEROSOL (RADNOR PART# 64000100, 64000102)

RADNOR  
259 NORTH RADNOR-CHESTER ROAD SUITE 100  
RADNOR, PA. 19087-5283

EMERGENCY NUMBER: 866-734-3438  
INFORMATION : 866-734-3438  
DATE PREPARED: JANUARY 1, 2008

SECTION II-HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components	OSHA PEL	ACGIH TLV	%
*METHYLENE CHLORIDE	CAS#75-09-2	25ppm(8hrTWA)	50ppm(8hrTWA) 73-84
CARBON DIOXIDE	CAS#124-38-9	5000PPM	5000ppm 17

\*SEE ATTACHED FOR SARA TITLE III NOTIFICATION AND ADDITIONAL  
HEALTH DATA.

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 104F  
Vapor Pressure: 390 (mmHG)  
Vapor Density: 2.9

Specific Gravity(H20=1): 1.32  
Melting Point: N/A  
Evaporation Rate: 14.50  
(Butyl Acetate=1)

Volatile Organic Compounds 0.0 lbs./gallon , 0 grams/liter

Solubility in Water: % by weight, 1.3  
Appearance and Odor: Clear, colorless liquid with a chloroform-like odor.

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
None to boiling	% by volume	N/A	N/A

Extinguishing Media: Carbon dioxide, dry chemical or foam.  
Special Firefighting Procedures: Pressure-demand, self-contained  
protection  
should be provided for protection.

Storage  
containers exposed to fire should be kept  
cool with water.

Unusual Fire and Explosion Hazards: At high temperatures, over-pressurization of containers can result.

## SECTION V-REACTIVITY DATA

Stability: Unstable Conditions to Avoid  
Avoid high pressure in  
aluminum systems.  
Stable X Open flames & electrical  
arcs.

Incompatibility (Materials to Avoid)  
Avoid contact with oxygen, nitrogen, peroxide, oxidizers and  
reactive metals (i.e. aluminum, potassium, sodium, etc.)

Hazardous Decomposition or Byproducts:  
Combustion may yield CO, CO<sub>2</sub>, phosgene and/or HCL.

Hazardous May Occur: Condition to Avoid  
Polymerization N/A  
Will Not Occur: X

## SECTION VI-HEALTH HAZARD DATA

Routes of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes

Health Hazards (Acute and Chronic)  
INHALATION: In confined or poorly ventilated areas, vapors can  
readily accumulate and can cause unconsciousness and death.  
Minimal anesthetic or narcotic effects may be seen in 500-1000ppm  
range. Progressively higher levels over 1000ppm can cause dizziness  
, drunkenness, concentrations as low as 10000ppm can cause unconscious-  
ness and death. These high levels may also cause cardiac arrhythmias.  
Excessive exposure may cause irritation to upper respiratory tract.  
Excessive exposure may cause carboxyhemoglobinemia.  
Carcinogenicity: \*\*YES-NTP YES-IARC MONOGRAPHS NO-OSHA REGULATED  
Signs and Symptoms of Exposure: Light-headedness & nausea.  
Irritating to the eyes and the skin.

Medical Conditions  
Generally Aggravated by Exposure: Prolonged contact with  
high concentrations can lead to serious kidney and liver  
damage.

Emergency First Aid Procedures: Eyes-flush with water for  
15 minutes. Skin-wash area with soap & water. Ingestion-  
drink water, DO NOT INDUCE VOMITING. Inhalation-remove to fresh air.  
If breathing has stopped, start CPR.

\*\*\* MUTAGENICITY (EFFECTS ON GENETIC MATERIAL) SEE PAGE 5.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Release or Spilled

Spills should be soaked up with absorbent. Area should then be flushed with water. All rinsate should be containerized & labeled. Spills on areas that are not on pavement can be handled by removing the affected soils.

Waste Disposal Method:

The materials resulting from clean-up operations may be hazardous wastes, and therefore subject to local, state, & federal regulations.

Precautions to Be Taken in Handling and Storage:

Label all containers. Store containers in a cool, dry, well ventilated area.

Other Precautions:

N/A

SECTION VIII-CONTROL MEASURES

Respiratory Protection(specify Type)

None, during normal use.

Ventilation: Local Exhaust-Sufficient to maintain TLV.

Special-N/A

Mechanical(General)-N/A

Other-N/A

Protective Gloves-polyfluorinated polyethylene suggested.

Eye Protection-face shield and goggles should be worn.

Other Protective Clothing or Equipment :N/A

Work/Hygienic Practices :N/A

DOT SHIPPING: This product is classified as CONSUMER COMMODITY ORM-D.

SARA TITLE III NOTIFICATION/INFORMATION

- \*All chemical compounds marked with an asterisk(\*) are toxic  
 chemicals subject to the reporting requirements of Section 313  
 of Title III of the Super Fund Amendments and Reauthorization  
 Act (SARA) of 1986 and 40 CFR Part 372. You must notify each  
 person to whom this mixture or trade name product is sold.  
 This statement must remain a part of this Material Safety Data  
 Sheet. This statement must not be detached. Any copy or  
 redistribution of this Material Safety Data Sheet shall  
 include this statement.

CALIFORNIA PROPOSITION 65 INFORMATION

- WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF  
 CALIFORNIA TO CAUSE CANCER.

## NEW JERSEY RIGHT TO KNOW INFORMATION

(5 MOST PREDOMINANT INGREDIENTS/HAZARDOUS &amp; NON-HAZARDOUS)

METHYLENE CHLORIDE	CAS# 75-09-2
CARBON DIOXIDE	CAS#124-38-9
SOYA LECITHIN	CAS#8002-43-5

## HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH-2  
 FLAMMABILITY-1  
 REACTIVITY-1

## HAZARD RATING

4-SEVERE HAZARD  
 3-SERIOUS HAZARD  
 2-MODERATE HAZARD  
 1-SLIGHT HAZARD  
 0-MINIMAL HAZARD

## NATIONAL FIRE PROTECTION ASSOCIATION

HEALTH-2  
 FLAMMABILITY-1  
 REACTIVITY-1  
 OTHER-NONE

4-SEVERE HAZARD  
 3-SERIOUS HAZARD  
 2-MODERATE HAZARD  
 1-SLIGHT HAZARD  
 0-MINIMAL HAZARD

