

Adhesives and Chemicals, Inc.

(570) 654-6735 Fax:(570) 654-0676

131 Brown Street, Pittston, PA 18640-3799

MATERIAL SAFETY DATA SHEET

PRODUCT IDENTITY: BS-1941MC

Page 1 of 4

Manufacturer's Name: Adhesives and Chemicals, Inc.
131 Brown Street
Yatesville, Pittston, PA 18640

Telephone numbers: 570-654-6735, 570-883-0303

Emergency Number: Chemtrec, Telephone No. 800-424-9300

Date Prepared: June 2007

SECTION I: MATERIAL IDENTIFICATION / HAZARDOUS INGREDIENTS

Hazardous Component	C.A.S. #	ACGIH TWA/ppm	ACGIH STEL/ppm	OSHA TWA/ppm	%	Sara Title III
Methylene Chloride	75-09-2	50	125	25	40	reportable
Denatured Alcohol	Mixture	1000		1000	26	

SECTION II: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (°F): 104°	Vapor Density (Air=1): 2.93
Specific Gravity (H2O=1): 1.320 @ 25°C	Water Solubility: Nil
Vapor Pressure (mmHg): 355 mmHg @ 20° C	Appearance and Odor: Water white-clear to cloudy, characteristic solvent odor

SECTION III: FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not Established

Autoignition Temperature: 103°F, 556°C

Flammable Limits:

LEL: 14 % @ 25°C.

UEL: 22 % @ 25°C.

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam, Water Spray. Water may be used to cool fire-exposed containers.

Special Fire Fighting Procedures: Wear full protective clothing and self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Combustion by-products include phosgene and hydrogen chloride gases. Structural firefighters' clothing provides only limited protection to the combustion products of this material.

Unusual Fire and Explosion Hazards: The solvent in this product is flammable and may travel along the ground. May be ignited by pilot lights, sparks and static electricity.

Section IV: REACTIVITY HAZARD DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: May not occur

CONDITIONS TO AVOID: Exposure to heat, sparks, open flames, static electricity.

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with strong oxidizing agents, strong acids and strong alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS OR BYPRODUCTS: Carbon monoxide, carbon dioxide, phosgene, chlorine gas, smoke, fumes, other unidentified toxic materials.

CONDITIONS TO AVOID:

SECTION V: HEALTH HAZARD DATA

Emergency Overview

Warning! Harmful if swallowed, inhaled or absorbed through the skin. Affects central nervous system, liver, cardiovascular system, and blood. Causes irritation to skin eyes and respiratory tract. Suspect cancer hazard. Risk of cancer depends on level and duration of exposure.

Potential Health Effects

Inhalation:

Causes irritation to respiratory tract. Has a strong narcotic effect with symptoms of mental confusion, light headedness, fatigue, nausea, vomiting and headache. Causes formation of carbon monoxide in blood, which affects cardiovascular system and central nervous system. Continued exposure may cause increased light headedness, staggering, unconsciousness, and even death. Exposure may make the symptoms of angina (chest pains) worse.

Ingestion:

May cause irritation of the gastrointestinal tract with vomiting. If vomiting results in aspiration, chemical pneumonia could follow. Absorption through gastrointestinal tract may produce symptoms of central nervous system depression ranging from lightheadedness to unconsciousness.

Skin Contact:

Causes irritation, redness and pain. Prolonged contact can cause burns. Liquid degreases the skin. May be absorbed through skin.

Eye Contact:

Vapors can cause eye irritation. Contact can produce pain, inflammation and temporal eye damage.

Chronic Exposure:

Can cause headache, mental confusion, depression, liver effects, kidney effects, bronchitis, loss of appetite, nausea, lack of balance, and visual disturbances. Can cause dermatitis upon prolonged skin contact.

Aggravation of Pre-existing Conditions:

Persons with pre-existing skin disorders, eye problems, impaired liver, kidney, respiratory or cardiovascular function may be more susceptible to the effects of this substance.

FIRST AID & EMERGENCY PROCEDURES:

Eyes: Immediately flush with plenty of water for at least 15 minutes, lifting eyelids occasionally during flushing to facilitate irrigation. Seek medical attention.

Skin: Immediately wash skin with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.

Inhalation: Remove to fresh air. If breathing is difficult, seek medical attention.

Ingestion: Do not induce vomiting. Take immediately to hospital or physician.

SECTION VI: PRECAUTIONS FOR SAFE HANDLING AND USE

Spill or leak procedures: Soak up with absorbent material, remove to a chemical disposal area. Enclose with diking material to prevent seepage into any natural bodies of water. Absorb residue and dispose of all waste according to all local, state, and federal regulations.

D.O.T. Shipping Name: Adhesives,3,UN1133,PGIII
D.O.T. Label: Flammable liquid

HMIS Rating: Health : 2
Flammability: 3
Reactivity: 0

Waste disposal: Dispose of only in accordance with local, state, and federal rules and regulations.

Do not use in poorly ventilated or confined spaces. Keep containers closed when not in use. Do not store in open, unlabeled or mislabeled containers. Avoid prolonged or repeated breathing of vapors. Avoid contact with eyes and prolonged or repeated contact with skin. Do not take internally.

SECTION VII: CONTROL MEASURES

Respiratory Protection: The use of respiratory protection depends on vapor concentration above the time-weighted TLV. Use a respirator/gas mask with appropriate cartridges and canister (NIOSH approved) or supplied air equipment, depending on airborne concentration.

Ventilation: General mechanical ventilation may be sufficient to keep product vapor concentrations within specified time-weighted TLV ranges. If general ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required if vapor concentrations cannot be reduced to below the TLV by ventilation.

Protective Gloves: The use of gloves that are impermeable to the specific material handled is advised to prevent skin irritation and absorption.

Other Protective Clothing or Equipment: Safety glasses, chemical goggles and/or face shield are recommended to safeguard against potential eye contact, irritation or injury.

Special clothing is advised as good chemical handling practice. The availability of eye wash and safety showers in work areas is recommended.

SECTION VIII: SPECIAL PRECAUTIONS AND/OR COMMENTS:

Precautions to be taken in handling and storing: Protect material from freezing at all times.

*****SPECIAL COMMENT REGARDING ALL MATERIALS MANUFACTURED*****

All information, recommendations and suggestions appearing herein concerning our products are based upon test data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Adhesives and Chemicals, Inc. as to the effects or such use, the results to be obtained, or the safety and toxicity of the product nor does Adhesives and Chemicals assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be considered as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.