

RHH FOAM SYSTEMS, INC.
17100 W VICTOR ROAD
NEW BERLIN WI 53151-4139
1-800-657-0702
(262) 754-8088

FOR EMERGENCY, CALL CHEMTREC:
OUTSIDE U.S.A., CALL COLLECT:
DATE OF PREPARATION:
PREPARED BY:

1-800-424-9300
001-(703) 527-3887
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Debra M. Buss

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION

Name of Product: **VERSI-TITE 16 lb INDUSTRIAL**

SECTION 2 - CHEMICAL COMPOSITION

<u>CHEMICAL</u>	<u>CAS #</u>	<u>CONCENTRATION</u>
4,4 Diphenylmethane-Diisocyanate (MDI)	101-68-8	5%-10%
Polymeric MDI	9016-87-9	5%-10%
Polyether Poly Blend	Mixture ²	60%-100%
Tetrafluoroethane (134a)	811-97-2	10%-30%

² Different raw materials sources - proprietary blend

SECTION 3 - HAZARDS IDENTIFICATION

WARNING!! CONTENTS UNDER PRESSURE MATERIAL MAY CAUSE SENSITIZATION

Irritancy: Irritating to eyes, skin and respiratory tract.
Sensitizing Properties: May cause respiratory sensitization by skin contact and inhalation. Exposure to individuals with asthma, eczema and/or allergies may aggravate existing condition. Symptoms may include coughing, wheezing and shortness of breath.
Routes of Entry: Eye and skin contact, inhalation, ingestion

SECTION 4 - FIRST AID PROCEDURES

IN ALL CASES, SEEK MEDICAL ATTENTION

EYE CONTACT Flush with clean, low pressure water for 15 minutes while holding eyelids open.
SKIN CONTACT Remove contaminated clothing. Remove uncured foam with mild solvent, such as acetone or mineral spirits. For cured foam, wash skin with warm water and soap.
INHALATION Remove from contaminated area to fresh air. Provide oxygen in extreme cases.
INGESTION In cases of excessive ingestion, give large amounts of liquids. DO NOT INDUCE VOMITING.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point 800° F (426.6° C) estimated
Extinguishing Media Carbon Dioxide, Dry chemical, Foam, Water
Special Protective Equipment Self-Contained Breathing Apparatus
Hazardous Decomposition Products During combustion, Carbon Monoxide, Carbon Dioxide, Nitrogen Oxides, Ammonia and trace amounts of Hydrogen Cyanides are given off.

SECTION 6 - HANDLING AN ACCIDENTAL RELEASE OR SPILL

Provide adequate ventilation.
Wear suitable personal protective clothing and equipment (See Section 8)
Scrape up the bulk of the spill and put into a suitable waste receptacle. Avoid spreading the spill to other surfaces. Loosely cover waste and set in a safe place.
Allow to cure. Dispose of entire container after foam is fully cured.

SECTION 7 – HANDLING AND STORAGE

Protect containers from physical abuse.
Storage temperature: 55° F to ° F (12.7°C to 32.2°C)
Protect from freezing.

SECTION 8 – PERSONAL PROTECTION

EYE PROTECTION

Wear safety goggles.

SKIN PROTECTION

Wear protective clothing and chemical resistant gloves.

RESPIRATORY PROTECTION

Use only in well ventilated areas. With insufficient ventilation, or where potential exists for exceeding the TLV, wear self-contained breathing apparatus.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity	1.2
VOC Content (lb/gal)	0
Appearance and Color	Off-White sticky material with a mild odor

SECTION 10 - REACTIVITY AND STABILITY

Stable under normal handling and use. Avoid alcohols, strong bases or amines and metal compounds (i.e. small particle metal catalysts). Do not store above 90° F (32.2°C)

SECTION 11 - TOXICOLOGICAL INFORMATION

Concentrations of components (sec. 2) must be considered to determine the effects of this mixture.

MDI: LD40 15gm/kg (rat), ingestion

WARNING: CONTENTS UNDER PRESSURE.

IRRITANCY: Irritating to eyes, skin and respiratory tract

SENSITIZING PROPERTIES: May cause respiratory sensitization by skin contact and inhalation. Exposure to individuals with asthma, eczema, and/or allergies may aggravate existing conditions. Symptoms may include coughing, wheezing and shortness of breath.

SECTION 12 – ECOLOGICAL INFORMATION: Unknown

SECTION 13 – DISPOSAL INFORMATION

Provide adequate ventilation.

Wear suitable personal protective clothing and equipment.

Scrape up the bulk of the spill and put into a suitable waste receptacle. Avoid spreading the spill to other surfaces. Loosely cover waste and set in a safe place.

Allow to cure. Dispose of entire container after foam is fully cured.

SECTION 14 – TRANSPORTATION INFORMATION

UN1956, Compressed Gas n.o.s. (Fluorinated Hydrocarbon, Nitrogen), Class 2.2

SECTION 15 - REGULATORY INFORMATION

<u>EXPOSURE LIMITS</u>	<u>TWA (8 hour) mg/m³</u>	<u>SHORT TERM (10 min) mg/m³</u>	<u>APPL. REGULATIONS</u>
4,4-Diphenylmethane-diisocyanate (MDI)	0.05 (0.005) ppm	0.02 (0.02 ppm) ceiling	SARA Title III

SECTION 16 – OTHER INFORMATION None