

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration APR 08 1994

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

IDENTITY (As Used on Label and List)

TB1104 (Liquid Gasket Cement)

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

THREE BOND OF AMERICA, INC.

Address (Number, Street, City, State, and ZIP Code)

20815 Higgins Court

Torrance, CA 90501

Emergency Telephone Number

(310) 320-3342

Telephone Number for Information

(310) 320-3342

Date Prepared

April 15, 1994

Signature of Preparer (optional)

K. Kishita

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
			Recommended STEL	
Trichloroethylene (79-01-06)	100ppm	50ppm	200ppm	30-40
Xylene (1330-20-7)	100ppm	100ppm	150ppm	5-15
Ethylene Glycol Monobutyl Ether (111-76-2)	50ppm	Unknown	Unknown	1-5

There are no other hazardous chemical ingredients which constitutes more than 1% or
each carcinogen which constitutes more than 0.1% of the product.

Section III — Physical/Chemical Characteristics

Boiling Point °C	74	Specific Gravity (H ₂ O = 1)	1.52
Vapor Pressure (mm Hg.) @20°C	57.8	Melting Point °C	-75
Vapor Density (AIR = 1)	4.54	Evaporation Rate (Ethylether = 1)	28

Solubility in Water

Slightly

Appearance and Odor

Gray paste with pungent odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) 73°F (PMCC)	Flammable Limits Vol%	LEL 1.0	UEL 5.3
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Extinguishing Media

Dry chemical, foam, CO₂, Water mist, water spray.

Special Fire Fighting Procedures

Self-contained breathing apparatus may be necessary if large areas are involved.

Unusual Fire and Explosion Hazards

Unknown, if closed containers of large amounts are allowed to heat, pressure may build
and cause container to burst.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	Heat, sparks and open flame

Incompatibility (Materials to Avoid)

Any strong oxidizing agents, reducing agents and strong bases.

Hazardous Decomposition or Byproducts

Carbon dioxide, carbon monoxide, hydrogen chloride gas, phos gene gas

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	Aluminum, magnesium, may decompose with exposure to light.

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

Oral-Rat: LD 50, 7193mmg/kg for Trichlororethylene

: LD 50, 4330mmg/kg for Xylene

Harmful if swallowed, inhaled or absorbed through skin.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	Unknown	Animal suspected	Unknown

Signs and Symptoms of Exposure

Burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

Medical Conditions

Generally Aggravated by Exposure Dermatitis, skin contact will cause defatting action. In case of contact, immediately flush eyes or skin thoroughly with water for at least 15 minutes.

Emergency and First Aid Procedures

If inhaled, remove to fresh air. If breathing is difficult, give oxygen and obtain medical attention immediately.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Eliminate all sources of ignition, Evacuate the area, recover as much material as practical, soak up the remainder with absorbent materials. Ventilate the area. Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves when cleaning up.

Waste Disposal Method

Dispose according to Federal, State and Local regulations.

Precautions to Be Taken in Handling and Storing

Keep container closed, keep away from heat and flame. Store in a cool place.

Other Precautions

Section VIII — Control Measures

Respiratory Protection (Specify Type)

Wear appropriate OSHA/MSHA approved respirator.

Ventilation	Local Exhaust	Special
	Recommended	
	Mechanical (General)	Other
	Recommended in storage	

Protective Gloves	Eye Protection
PVA Neoprene chemical resistant gloves	Safety goggles

Other Protective Clothing or Equipment

Depending on conditions

Work/Hygienic Practices

Medical surveillance and employee training proposed to be required.