

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
(Non-Mandatory Form)
From Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)
Richthane

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 Richmond Aircraft Products	Emergency Telephone Number 562-440-2440
Address (Number, Street, City, State and Zip Code) 13503 Pumice Street	Telephone Number for information Same
Norwalk, CA 90650	Date Prepared 9/1/00
U.S.A.	Signature of Preparer (optional)

Section II Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
Polyether urethane - Modified Aliphatic isocyanate polyether				90

Side A

Section III – Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	1.0
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A

Solubility in Water

Insoluble

Appearance and Odor

Liquid and odorless

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) > 395°F TOC	Flammable Limits	LEL	UEL
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Extinguishing Media

Water, spray, dry chemical, CO₂, or foam

Special Fire Fighting Procedures

Use self contained breathing apparatus if exposed to fumes. Use protective clothing to prevent skin or eye contact.

Unusual Fire and Explosion Hazards

None known

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid High humidity water contamination
	Stable	X	
Incompatibility (Materials to Avoid) Stong acids, strong bases or oxidizing materials			
Hazardous Decomposition or Byproducts N/A			
Hazardous Polymerization	May Occur		Conditions to Avoid Overheating or contact with materials above
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
N/A			
Health Hazards (<i>Acute and Chronic</i>) N/D			
Carcinogenicity:	N/D	NTP?	IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure **May cause moderate to severe eye and skin irritation.**

May cause irritation to the respiratory tract.

Medical Conditions
Generally Aggravated by Exposure

ND

Emergency and First Aid Procedures **If exposed to fumes from overheating or combustion, remove to fresh air. If situation warrants seek medical attention.**

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Confine area of spill with absorbant material such as sand or sawdust. Sweep up spilled material into suitable containers for disposal. Wash swept area with Isopropyl alcohol.

Waste Disposal Method **Landfill observing all local, state and federal regulations in your area.**

Precautions to Be Taken in Handling and Storing **No special hazards anticipated. Material is combustible and should be stored in area equipped with normal fire detection and protection (sprinklers) systems.**

Other Precautions

Section VIII – Control Measures

Respiratory Protection (*Specify Type*) **Self contained breathing apparatus, only when overheated.**

Ventilation	Local Exhaust	Non required	Special
	Mechanical (General)	Recommended 10 air changes/hr. min.	Other
Protective Gloves	Normally not required unless hot		Eye Protection Normally good practice, safety glasses
Other Protective Clothing or Equipment N/A			
Work/Hygienic Practices Normal personal hygiene practices.			