

MATERIAL SAFETY DATA SHEET**MER-THANE ("A" & "B" Components)**

SUPPLIER	Mer-Ko Materials, a division of ParexLahabra 501 Van Ness Avenue Torrance, CA 90501	CONTACT	Gary Linza
		PHONE	310.320.1880
		DATE	08.25.99

INGREDIENTS	CAS NUMBER	OSHA TWA	ACGIH TWA
"A" Propylene Glycol Monomethyl Ether Acetate	108-65-6	N/E	N/E
Xylene	1330-20-7	100 ppm	100 ppm
2-Butanone	78-93-3	200 ppm	200 ppm
"B" Homopolymer of HDI	28182-81-2	N/E	N/E
Hexamethylene Diisocyanate (Less than 1%)	822-06-0	N/E	.005 ppm

PHYSICAL/CHEMICAL CHARACTERISTICS

("A" & "B") Boiling Point - N/E Freezing Point N/E Specific Gravity - 1.011 @ 25C Evaporation Rate - ("A" & "B") N/E
Percent Volatile By Volume - ("A")40% ("B")0% Solubility in Water - ("A") Slight ("B") Insoluble
Appearance & Odor - ("A")Liquid of various colors, solvent smell ("B")Pale yellow liquid, negligible odor

FIRE & EXPLOSION HAZARDS

Flash Point - ("A") 100F ("B") 385F Extinguishing Media - Carbon dioxide, dry chemical, foam, water fog
Special Fire Fighting Procedures - Wear self-contained breathing apparatus. Fight as a volatile liquid fire.
Flammable Limits - ("A") LEL: 1.3% @ 173F UEL: 13% @ 283F ("B") N/A
Unusual Fire & Explosion Hazards - ("A" & "B") Irritating and toxic gases may be generated upon combustion.

REACTIVITY DATA

Stability - ("A" & "B") Stable Materials & Conditions to Avoid - ("A") Oxidizers, materials containing phosphorus, heat and flames
Materials & Conditions to Avoid - ("B") Water, amines, strong bases, alcohols, metal compounds, excessive heat and flames.
Hazardous Decomposition Products - ("A") CO, CO2 ("B") CO, CO2, NO, HCN, HDI.
Hazardous Polymerization - ("A") Will not occur. ("B") May occur with moisture contact or temperatures above 400F.

HEALTH HAZARD DATA

Routes of Entry - Inhalation, Eye Contact, Skin Contact, Ingestion
INHALATION - ("A" & "B") May cause nose, throat and respiratory irritation.
EYE CONTACT - ("A") May cause severe irritation and corneal damage. ("B") May cause moderate to severe irritation.
SKIN CONTACT - ("A" & "B") Moderately irritating. May result in defatted dry skin and may develop into dermatitis.
INGESTION - ("A" & "B") May cause irritation in mouth, stomach, digestive tract and nausea, vomiting, and abdominal pain.
NOTE: Chronic exposure to organic solvents may cause permanent brain and nervous system damage.
First Aid Procedures ("A" & "B")
INHALATION - Remove victim to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen. Contact physician.
EYE CONTACT - Wash with large amounts of water for 15 minutes. Contact physician.
SKIN CONTACT - Remove contaminated clothing and discard. Wipe off affected areas with a dry towel and wash with soap and water for 15 minutes. Get immediate medical attention.
INGESTION - Contact physician. Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration into lungs.
Carcinogenicity - ("A" & "B") Not listed or regulated as a carcinogen.
Medical Conditions Aggravated By Exposure - ("A" & "B") Pre-existing eye, skin and respiratory disorders.

PERSONAL PROTECTION RECOMMENDATIONS ("A" & "B")

Protective gloves, goggles and NIOSH/MSHA approved respirator in confined areas. Local exhaust when appropriate.
Wash hands thoroughly after handling and before eating or smoking.

PRECAUTIONS FOR SAFE HANDLING AND USE ("A" & "B")

Spill Procedure - Evacuate nonessential personnel. Remove all sources of ignition. Avoid personal contact with spilled material. Wear gloves, goggles and respirators. Dike and cover spill with absorbent material. Sweep or shovel up into open containers.
Waste Disposal Method - May be incinerated or landfilled in accordance with local, state and federal regulations.
Storage Precautions - Do not allow to freeze. Store in closed containers in a dry place with adequate ventilation. Keep away from heat and flames.

SHIPPING INFORMATION

("A") Shipping Name - Combustible Liquid N.O.S., NA1993, Pg III. ("B") Not regulated.