

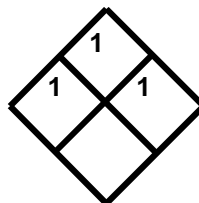
Material Safety Data Sheet

Effective Date: Sept-5-2010

1. PRODUCT IDENTIFICATION

Trade Name: Arathane 5753TX

Chemical Family: Hydroxy Terminated Polyols



NFPA RATING

1	Health
1	Flammability
1	Reactivity
	Personal Protection

HMIS RATING

2. COMPOSITION / INFORMATION ON INGREDIENTS

O S H A	CAS No.	CHEMICAL IDENTITY	EXPOSURE LIMITS					CARCINOGEN STATUS		
			ACGIH		OSHA		MFR.	IARC	NTP	OSHA
			TWA	STEL	PEL	STEL				
*	3077-13-2	2-PROPANOL-1,1'-PHENYLAMINOBI Common Name: Concentration 2-PROPANOL-1,1'-PHENYLAMINOBI 0.00 - 10.00 % by wt	NE	NE	NE	NE	NE	NR	NR	NR
*	67762-90-7	Siloxanes and silicones, di-me, Common Name: Concentration reaction products with silica siloxanes 10.00 - 30.00 % by wt	NE	NE	NE	NE	NE	NR	NR	NR
*	69102-90-5	POLYBUTADIENE POLYOL Common Name: Concentration POLYBUTADIENE POLYOL 60.00 - 90.00 % by wt	NE	NE	NE	NE	NE	NR	NR	NR

NE = Not Established NR = Not Reviewed * = OSHA Hazardous Ingredient

3. HAZARDS IDENTIFICATION

Emergency Overview: CAUTION! May cause eye irritation. Prolonged or repeated skin contact may cause irritation, and may cause allergic skin reaction. Harmful if inhaled. Harmful if swallowed.

Primary Route(s) of Entry: Dermal, inhalation. **Carcinogenicity (NTP, IARC, OSHA):** The chemicals listed in Section 2 are not considered to be carcinogenic by NTP, IARC, or OSHA.

Potential Health Effects: Vapor or fume can be possibly harmful if inhaled. Substance can cause moderate irritation to eyes. Substance can cause slight irritation to skin. Substance can be possibly harmful if swallowed.

Chronic Effects: Prolonged or repeated exposure can cause allergic reaction.

4. FIRST AID MEASURES

INGESTION: If swallowed dilute by giving two (2) glasses water to drink. See a physician. Never give anything by mouth to an unconscious person.

INHALATION: If inhaled, remove from area to fresh air. If not breathing, give artificial respiration. Get immediate medical attention. If breathing is difficult, transport to medical care and, if available, give supplemental oxygen.

NOTE TO PHYSICIAN: Allergic dermatitis or respiratory response in susceptible individuals may be delayed. It may appear after weeks or even months of frequent and prolonged contact.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Allergy, eczema, or eye conditions.

SKIN: For skin contact, wash affected areas with plenty of soap & water for several minutes. Remove and clean contaminated clothing & shoes before re-use. Destroy contaminated leather items. Get medical attention if irritation occurs.

EYES: For eye contact, immediately flush eyes for at least 15 minutes with running water. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: 232°C (450°F)

Flash Point Method Used: Closed Cup

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Flammable Limits in Air (Lower - % by volume): - **(Upper - % by volume):** -**Fire Fighting Extinguishing Media:** Carbon dioxide, foam, dry chemical, water spray.**Fire Fighting Equipment:** Use self-contained breathing apparatus and full protective clothing.**Fire and Explosion Hazards:** Keep fire-exposed containers cool with water. Do NOT use a solid stream of water. A solid stream of water can spread fire.**Hazardous Combustion Products:** Decomposition and combustion products may be toxic.

6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Evacuate spill area. Eliminate ignition sources. Ventilate area. Avoid breathing vapor. Wear full protective equipment. Dike and absorb spill with inert material. Transfer to containers suitable for disposal. Promptly, remove and wash contaminated clothing before re-use. Wash affected skin area with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. If spilled on a porous surface, ground contamination must be considered.

7. HANDLING AND STORAGE

Signal Word: CAUTION!**Precautions:** Avoid contact with eyes, skin, or clothing. Wear eye protection and impervious gloves when handling. Wash thoroughly after handling. Avoid breathing vapor or mist. Keep containers closed when not in use. Use only with adequate ventilation. Do NOT take internally.**Other Handling Information:** In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Do not inhale mists. Use with adequate ventilation. For industrial use only.**Storage Information:** Storage Temperature: MAXIMUM 35° C - Store indoor in a cool, dry area with adequate ventilation.**Additional Information:** PLEASE READ TECHNICAL DATA SHEET BEFORE HANDLING THE PRODUCT. KEEP OUT OF THE REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment: Eye bath and safety shower should be available. Wear protective clothing including safety glasses.**Exposure Guidelines:** Wash thoroughly after handling and before eating, drinking, or using tobacco products.**Skin Protection:** Wear impervious gloves.**Respiratory Protection:** Wear respirator (MSHA/NIOSH or approved equivalent) suitable for concentrations and type of air contaminants encountered.**Eye Protection:** Wear splash-proof chemical goggles.**Engineering Controls:** Good general mechanical ventilation and local exhaust if needed.**Emergency Response Protection:** Wear breathing apparatus (MSHA/NIOSH-approved, pressure demand, self-contained or equivalent) and full protective gear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Off-white	Appearance:	Thick paste
Physical State:	Semi-solid	Odor:	Hydrocarbon
Viscosity:	>1 million cps	Solubility in Water:	Moderate
Vapor Pressure:	< 1 mmHg @ 20°C (68°F)	Specific Gravity:	0.9 (Water = 1)
Evaporation Rate:	< (Butyl Acetate = 1)	Vapor Density:	> 1 (Air = 1)
Boiling Point:		VOC:	10 g/L (This is an estimated value)

10. STABILITY AND REACTIVITY

Conditions to Avoid: Elevated temperatures and strong oxidizing agents.**Stability:** Stable under normal conditions.**Incompatibility:** Strong oxidizing agents.**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, hydrocarbons, and aniline.**Hazardous Polymerization:** Will not occur under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute Oral Effects (LD50):	Not available.	Sensitization:	Skin sensitizer.
Inhalation Toxicity (LC50):	Not available.	Skin Irritation:	Slight irritation.

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Acute Dermal Toxicity (LD50): Not available.

Eye Irritation: Moderate irritant.

12. ECOLOGICAL INFORMATION

Biodegradability: No information available.

Ecotoxicity: No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Incinerate in approved equipment. Decontaminate diking material with decontaminant; then landfill in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT: Non-Bulk

Label: None

Proper Shipping Name: Not regulated

Hazard Class: - ID Number: - Packing Group: -

IATA: Non-Bulk

Label: None

Proper Shipping Name: Not regulated

Hazard Class: - ID Number: - Packing Group: -

15. REGULATORY INFORMATION**US Federal Regulations:**

Occupational Safety and Health Act (OSHA): This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Resource Conservation and Recovery Act (RCRA): This product is not considered to be a hazardous waste under RCRA (40 CFR 261).

SARA Title III: Section 304 - CERCLA: This product contains the following chemicals regulated under Section 304 as extremely hazardous substance(s) for emergency release notification ("CERCLA" List):

Chemical Name: Benzene, dimethyl-
CASRN: 1330-20-7

Percent in Composition: 0.10 – 1.00 % by wt.
Component RQ: 100

SARA Title III: Section 311/312 - Hazard Communication Standard (HCS): Immediate (acute) health hazard

SARA Title III: Section 313 Toxic Chemical List (TCL): This product does not contain a toxic chemical for routine annual 'Toxic Chemical Release Reporting' under Sec. 313 (40 CFR 372).

TSCA Section 8(b) - Inventory Status: All chemical(s) comprising this product are listed on the TSCA inventory.

TSCA Section 12(b) - Export Notification: This product does not contain any chemicals subject to Section 12(b) export notification.

State Regulations:

California Proposition 65: The following is required composition information. This product contains the following chemicals which are listed on the California list of Known Carcinogens and Reproductive Toxins.

Chemical Name: 1,3-BUTADIENE
CASRN: 106-99-0
Percent in Composition: 0.0005

Comment: Warning! This chemical is known to the state of California to cause Cancer.

Pennsylvania Right-to-Know: The following is required composition information:

Chemical Name: POLYBUTADIENE POLYOL
CASRN: 69102-90-5

Comment: Not on Pennsylvania Hazardous Substance List.

Chemical Name: 2-PROPANOL-1, 1'-PHENYLAMINO BIS
CASRN: 3077-13-2

Comment: Not on Pennsylvania Hazardous Substance List.

16. OTHER INFORMATION

MSDS No: 5753TX

Reason Issued: update

Prepared By: Chris Meyer

Approved By: Chris Meyer Title: Vice President

Other Information:

Disclaimer: The following supercedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict liability, tort or contract arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled or lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.