



HYDROSEAL POLYMERS INC.

TECHNICAL DATA SHEET

HYDROTHANE 60 A

POLYUREA/POLYURETHANE ELASTOMER SPRAY SYSTEM

PRODUCT DESCRIPTION: HYDROTHANE 60 A is a two-component, polyurea/polyurethane spray elastomer system. This spray system provides excellent abrasion and chemical resistance. HYDROTHANE 60A is 100% solids and contains no void.

RECOMMENDED USES: Uses for this coating system include industrial, concrete protection, flotation and truck bedliners.

PHYSICAL PROPERTIES:

PROPERTY	TEST METHOD	RESULTS
Hardness (Shore A)	ASTM D-2240	60 - 65
Tensile Strength, psi	ASTM D-412	1100
Taber Abrasion	ASTM 4060	10 mg lost/1000 cycles
CS-17 wheel, 1000 gr load		
Elongation, %	ASTM D-624	400
Tear, Die C, pli	ASTM D-624	210

LIQUID CHEMICAL PROPERTIES:

PROPERTY	RESULTS	
	COMP "A"	COMP "B"
Viscosity, cps	500 - 600	800 - 1000
Specific Gravity	1.12	1.05
Mixing Ratio ("A": "B" by Volume)	50	50

PROCESSING PARAMETERS:

Equipment Pre-heater Temperature	
"A" Component	120 - 140° F
"B" Component	140 - 150° F
Hose Temperature:	110 - 120° F
Recommended Spraying Pressure:	1400 psi minimum

SPECIAL INSTRUCTIONS:

- Premixing of "B" side required before use
- Nitrogen blanket on components recommended
- Storage temperature of 70° F

STORAGE:

COMPONENT "A" (ISOCYANATE)

THE ISOCYANATE MUST BE STORED IN TIGHTLY SEALED CONTAINERS AND PROTECTED FROM MOISTURE. THE MATERIAL SHOULD BE STORED AT TEMPERATURES ABOVE 70° F.

COMPONENT "B" (POLYOL)

THE POLYOL IS HYGROSCOPIC (MOISTURE ABSORBENT). KEEP CONTAINERS SEALED TO PREVENT MOISTURE ABSORPTION. STORE MATERIAL AT TEMPERATURES ABOVE 70° F.

SAFETY INFORMATION: MATERIAL SAFETY DATA SHEETS ARE SENT WITH EACH SHIPMENT OF HYDROSEAL POLYMER'S PRODUCTS. THESE DATA SHEETS SHOULD BE READ AND UNDERSTOOD BY ALL PERSONNEL WHO WILL COME IN CONTACT WITH THE PRODUCT BEFORE THE CONTAINERS ARE OPENED. IF THE SAFETY DATA SHEETS ARE LOST OR YOU REQUIRE ADDITIONAL DATA SHEETS, PLEASE CONTACT HYDROSEAL POLYMERS AT 1 (800) 493-7177 AND REPLACEMENTS WILL BE SENT. **READ CAREFULLY.**

WARRANTY: The information herein is believed to be accurate and reliable as of the date of issuance, but is subject to change without prior notice. It is up to the User to contact HYDROSEAL to verify the correctness prior to ordering or specifying this product. HYDROSEAL warrants this product for merchantable quality only, does not warranty against unknown risks that may or may not be present, nor do we assume any responsibility for coverage, performance, or injuries resulting from the use of this product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY HYDROSEAL EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OR LAW, OR OTHERWISE, INCLUDING MARKETABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Failure to strictly adhere to recommended procedures shall relieve HYDROSEAL of all liability with respect to the product or the use thereof. The buyer assumes all risks whatsoever as to the use of these products and the Buyer's exclusive remedy as to any breach of warranty or negligence claim shall be limited to the purchase price of the materials and agrees that any and all litigation proceedings shall be according to the laws of California and shall be filed in the County of Riverside, CA. Each person, firm, or corporation engaged in the application, installation, disposal or any other use of any of these products shall carefully determine whether there is a potential hazard associated with such product in a specific usage, and utilize all appropriate precautionary and safety measures as outlined in Local, State and Federal regulations governing the use or disposal of these products or the construction and/or renovation of structures.

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