

MATERIAL SAFETY DATA SHEET

HYDRASEAL® WTF S-60

Component A



August 15, 2014

1. PRODUCT AND COMPANY IDENTIFICATION

Company: Dura-Line Corporation
Address: 11400 Parkside Drive, Suite 300, Knoxville, TN 38934
Telephone: (865) 218-3460; (800) 847-7661; Fax (865) 223-5085

Product Use: Polyurethane Sealant

HMIS Rating: Health: 1 Flammability: 1 Reactivity: 0 Key: 0 - minimal 3 - serious
NFPA Rating: Health: 1 Flammability: 1 Reactivity: 0 1 - slight 4 - severe
PIN: None 2 - moderate
Revision date: August 15, 2014

2. HAZARDS IDENTIFICATION

The ingredients in this product are considered to be essentially non-hazardous as formulated. The exposure limits listed for various mineral fillers indicate hazards associated with breathing respirable dust particles, which is unlikely when using the final formulated product. Ingredients include:

<u>Ingredient</u>	<u>Wt. %</u>	<u>CAS Number</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Poly (oxylalkylene) Polyol	80 - 90	35176-07-9	N.E.*	N.E.
Secondary Aromatic Diamines	1 - 5	(Proprietary)	NE	NE
Tetrapropoxylated Ethylenediamine	1 - 5	(Proprietary)	N.E.*	N.E.

* Not Established

3. COMPOSITION INFORMATION

EMERGENCY OVERVIEW: Amber liquid, no odor. Avoid contact with skin or eyes. Refer to other MSDS sections for further details.

POTENTIAL HEALTH EFFECTS:

Skin Contact: This product has low skin irritation potential. There is no dermal toxicity hazard.
Eye Contact: May irritate eyes. This irritation is minimal and expected to be transient.
Inhalation: None known. Not an inhalation hazard.
Ingestion: Product is considered to be slightly toxic by ingestion. Medical conditions known to be aggravated by exposure to product: None known specific to product. Pre-existing skin problems may be aggravated by prolonged or repeated contact.



4. FIRST-AID MEASURES

Skin Contact:	Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation persists.
Eyes:	In case of contact, immediately flush with plenty of water for at least 15 minutes and get medical attention if irritation persists.
Inhalation:	If irritation of nose or throat develops, move to fresh air. If irritation persists, seek medical attention. If breathing is difficult, provide oxygen. Seek immediate medical attention.
Ingestion:	Do not induce vomiting. Call physician immediately. Never give anything by mouth to an unconscious person. Never give anything by mouth to an unconscious person.

NOTE: In all severe cases, contact physician immediately. Local telephone operators can furnish number of regional poison control center.

5. FIRE FIGHTING MEASURES

Conditions of Flammability:	Unknown.
Flash Point:	> 300 °F (PMCC)
Flammable Limits in Air:	Not determined.
Extinguishing Media:	Water spray, carbon dioxide, dry chemical.
Special Fire Fighting Procedures:	Keep containers cool with water spray to minimize risk of rupture.
Hazardous Combustion Products:	Nitrogen oxides, carbon dioxide, carbon monoxide
Unusual Fire Hazards:	Self-containing air masks should be used to enter smoky area in the event of a fire. Sealed containers can build up pressure when exposed to high heat.

6. ACCIDENTAL RELEASE MEASURES

Clean immediately using suitable absorbent (clay, sand, dirt, etc.). Wash spill area with soap and water. Keep out of drains, sewers, and waterways. Notify local health authorities and other appropriate agencies if product enters streams or drinking water supplies.

7. HANDLING AND STORAGE

Avoid contact with skin and eyes. Materials are not considered hazardous under normal handling operations, but reasonable care should be exercised. Use and store product with adequate ventilation.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<i>Controls:</i>	Normal ventilation adequate. If exposure exceeds recommended limits, respirator protection is recommended.
<i>Personal Protection:</i>	Wear safety glasses to protect eyes. Wear suitable gloves to prevent drying and possible irritation if skin contact is repeated or prolonged. Respirators, if required, should be NIOSH approved type fitted with cartridges for organic vapors.

9. PHYSICAL AND CHEMICAL PROPERTIES

Initial Boiling Point (bulk):	> 570 °F	Vapor Pressure:	Not Established
Percent Volatile:	Negligible	Vapor Density (air = 1):	>1
Density/ Sp. Gravity:	8.5 Lbs/gal	Evaporation Rate (nBu Ac = 1):	Much less than 1
Water Solubility:	Complete	Appearance:	Amber liquid
VOC Content:	None	Odor:	Negligible odor

10. STABILITY AND REACTIVITY

Stability:	Stable.
Incompatibility (Materials to Avoid):	Strong oxidizing agents and acids
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide
Conditions to Avoid:	Avoid freezing, high temperatures

11. TOXICOLOGICAL INFORMATION

Carcinogenicity:	Contains no known or suspected carcinogens listed with OSHA, IARC, NTP, or ACGIH.
Threshold Limit Value:	Unknown.
WHMIS Information:	According to available information, the ingredients have not been found to show reproductive toxicity, teratogenicity, mutagenicity, skin sensitization, or synergistic toxic effects with other materials.

12. ECOLOGICAL INFORMATION

Eco toxicological Information:	No data at this time.
Chemical Fate Information:	No data at this time.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state, and local regulations. Bury in approved landfill, or incinerate in approved incinerator according to federal, state, and local regulations.

RCRA:	Not a hazardous waste.
U.S. EPA Waste Number:	None.

14. TRANSPORT INFORMATION

DOT Proper Shipping Name: None, not restricted.
DOT Hazard Class or Division: None.
UN/NA Number: None.
IATA/ICAO: None, not restricted

15. REGULATORY INFORMATION

TSCA: All ingredients are listed in TSCA inventory.
CERCLA: Not reportable.
SARA TITLE III, Section 302: Contains nothing on this list at or above de minimus amounts.
SARA TITLE III, Section 313: Contains nothing on this list at or above de minimus amounts.
SARA, Section 311, 312 Hazard Categories: No reportable hazard categories.
California Proposition 65: Contains nothing on this list.
WHMIS Hazard Class (Canada): NC

16. OTHER INFORMATION

These data sheets are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.