



HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

**SAFETY DATA SHEET**  
Prepared by Duro Dyne June 11, 2014

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Trade name: **DURO DYNE WATER BASED ADHESIVE**  
Product Identifier: **WSA-5, WSA-55**  
Item #: **5036, 5037**  
Supplier Details: **DURO DYNE CORPORATION**  
**81 Spence Street**  
**Bay Shore, NY 11706**

Information  
Phone No: **800-899-3876**  
Emergency  
Phone No: **800-424-9300 (CHEMTREC)**

**2. HAZARDS IDENTIFICATIONS**

**EMERGENCY OVERVIEW**

**CAUTION: May cause slight eye, skin or respiratory irritation on repeated contact. This product is not considered hazardous by the OSHA Hazard Communication Standard under 29 CFR 1910.1200 See Section 11 for Additional Toxicological information.**

Physical State: Liquid.  
Color: White  
Odor: Slight  
Personal Protection: See SDS Section 8

Relevant routes of exposure: Skin, Eyes, Inhalation

**Potential Health Effects:**

**Inhalation:** Inhalation of vapors or mists of the product may be irritating to the respiratory system.  
**Skin Contact:** Prolonged and/or repeated skin contact may result in mild irritation or redness.  
**Eye Contact:** May cause slight irritation to eyes on contact.  
**Ingestion:** May cause gastrointestinal tract irritation if swallowed. Not expected under normal conditions of use.

Existing Conditions Aggravated by Exposure: None known

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous Components	CAS Number	%
None	None	None

**4. FIRST-AID MEASURES**

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If symptoms develop and persist, get medical attention.  
**Skin Contact:** Wash skin with soap and water. If symptoms develop and persist, get medical attention.  
**Eye Contact:** If irritation develops, flush eyes immediately with large amounts of water. If irritation persists, seek medical attention or advice.  
**Ingestion:** Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting. If symptoms develop and persist, get medical attention. Never give anything by mouth to an

unconscious person.

**5. FIRE-FIGHTING MEASURES**

**Flash Point:** >100.00°C (>212°F) Closed cup  
**Autoignition Temperature:** Not applicable.  
**Flammable/Explosive Limits-Lower:** Not applicable.  
**Flammable/Explosive Limits-Upper:** Not applicable.  
**Extinguishing Media:** Use extinguishing measures appropriate to local circumstances and the surrounding environment. Water spray or fog, foam carbon dioxide, dry chemical.  
**Special Firefighting Procedures:** Fire fighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.  
**Unusual Fire or Explosion Hazards:** This product is an aqueous mixture which will not burn. If evaporated to dryness, the solid residue may pose a moderate fire hazard. Closed containers may rupture (due to build up pressure) when exposed to extreme heat.  
**Hazardous Combustion Products:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**6. ACCIDENTAL RELEASE MEASURE**

**Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.**

**Environmental Precautions:** No special environmental precautions required. Do not allow material to contaminate ground water system.  
**Clean-Up Methods:** Take up with liquid-absorbing material (sand). Wash spillage site thoroughly with soap and water or detergent solution. Dispose of according to Federal, State and local governmental regulations

**7. HANDLING AND STORAGE**

**Handling:** Avoid extreme temperatures. Protect from freezing. This material should not be spilled, discharged, or flushed into sewers or public waterways. Product contains low level of organic volatiles which could accumulate in the unvented headspace of drums or bulk storage vessels. Open drums in well ventilated area. Avoid breathing vapors. Do not wear contact lenses.  
**Storage:** For safe storage, store between 1°C (33.8°F) and 37°C (98.6°F). Storage below temperature limit, product will be irreversibly damaged and no longer usable. Storage above temperature limit, the product properties change.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.**

Hazardous Components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
None	None	None	None	None

**Engineering Controls:** Handle in accordance with good industrial hygiene and safety practice. General room ventilation is usually adequate.  
**Respiratory Protection:** Under normal conditions, respirator is not normally required. If ventilation is not sufficient to effectively prevent buildup of vapor/mist/fume/dust, appropriate NIOSH/MSHA respiratory protection must be provided.  
**Eye/Face Protection:** Wear safety glasses with side shields. Do not wear contact lenses.  
**Skin Protection:** Use of protective coveralls and long sleeves is recommended

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid.
<b>Color:</b>	White
<b>Odor:</b>	Slight
<b>Odor Threshold:</b>	Not available
<b>pH:</b>	4.0-6.0
<b>Vapor Pressure:</b>	17.500000 mm hg (20.0°C (68°F))
<b>Boiling Point/Range:</b>	>100.0°C (>212° F)
<b>Melting Point/Range:</b>	0.0°C (32°F) (Freezing point)
<b>Specific Gravity:</b>	1.1800
<b>Vapor Density:</b>	>1.0000 (Air = 1)
<b>Flash Point:</b>	>100.00°C (>212°F) Closed cup
<b>Flammable/Explosive Limits-Lower:</b>	Not applicable
<b>Flammable/Explosive Limits-Upper:</b>	Not applicable
<b>Autoignition Temperature:</b>	Not applicable
<b>Evaporation Rate:</b>	Same as water
<b>Solubility in Water:</b>	Miscible
<b>Partition Coefficient (n-octano/water):</b>	Not determined
<b>VOC Content:</b>	<3.0% (by weight)

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable.
<b>Hazardous Reactions:</b>	Will not occur.
<b>Hazardous Decomposition Products:</b>	Under decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
<b>Incompatible Materials:</b>	This product may react with strong oxidizing agents.
<b>Conditions to Avoid:</b>	Freezing. Product may be unstable if frozen.

## 11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
None	None	None	None

Hazardous components	Health Effects/Target Organs
None	None

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

**Information provided is for unused product only.**

<b>Recommended Method of Disposal:</b>	Follow all local, state, federal and provincial regulations for disposal. This product is not a RCRA hazardous waste when discarded. Processing, use, or contamination of this product may change the hazard classification and waste management options.
--	---

<b>Hazardous Waste Number:</b>	None identified.
--------------------------------	------------------

## 14. TRANSPORT INFORMATION

### U.S. Department of Transportation Ground (49 CFR)

<b>Proper Shipping Name:</b>	Not regulated
<b>Hazard Class or Division:</b>	None
<b>Identification Number:</b>	None
<b>Packing Group:</b>	None

**International Air Transportation (ICAO/IATA)**

**Proper Shipping Name:** Not regulated  
**Hazard Class or Division:** None  
**Identification Number:** None  
**Packing Group:** None

**Water Transportation (IMO/IMDG)**

**Proper Shipping Name:** Not regulated  
**Hazard Class or Division:** None  
**Identification Number:** None  
**Packing Group:** None

**15. REGULATORY INFORMATION**

**United States Regulatory Information**

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

**TSCA 12 (b) Export Notification:** None above reporting de minimus.

**CERCLA/SARA Section 302 EHS:** None above reporting de minimus.

**CERCLA/SARA Section 311/312:** None

**CERCLA/SARA 313:** None above reporting de minimus.

**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

**Canada Regulatory Information**

**CEPA DSL/NDSL Status:** Contains one of more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environmental Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.

**WHMIS Hazard Class:** Not controlled

**16. OTHER INFORMATION**

**This Safety Data Sheet contains changes from the previous version in sections:** Reviewed SDS. Reissued with new date.

**Hazard Rating:** Health: 1  
Flammability: 0  
Reactivity: 0

**Date SDS Prepared:** February 14, 2013

THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE. BECAUSE SOME OF THE INFORMATION IS DERIVED FROM INFORMATION PROVIDED TO DURO DYNE CORPORATION FROM ITS SUPPLIERS, DURO DYNE CORPORATION MAKES NO WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. SINCE THE USE OF THIS INFORMATION AND THE CONDITIONS AND USE OF THIS PRODUCT ARE CONTROLLED BY THE USER, IT IS THE USER'S OBLIGATION TO DETERMINE THE CONDITIONS OF SAFE USE OF THE PRODUCT. THE INFORMATION IS SUPPLIED FOR YOUR INFORMATION AND CONSIDERATION AND DURO DYNE CORPORATION ASSUMES NO RESPONSIBILITY FOR USE OR RELIANCE THEREON. IT IS THE RESPONSIBILITY OF THE USER OF DURO DYNE CORPORATION PRODUCTS TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.