



HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

MATERIAL SAFETY DATA SHEET

Prepared by Duro Dyne April 15, 2011

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade name: DURO DYNE WATER BASED ADHESIVE
Product Identifier: WIT-1, WIT-5, WIT-55
Item #: 5056, 5057, 5058
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: Not classified as hazardous.
Physical State: Liquid
Color: White
Odor: Slight
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.
This material is not considered hazardous by the OSHA Hazard Communication Standard (29CFR 1910.1200).
See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components: None
CAS #: None
%: None

4. FIRST AID AND EMERGENCY MEASURES

Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If symptoms develop and persist, get medical attention.
Skin Contact:	Wash with soap and water. If symptoms develop and persist, get medical attention.
Eye Contact:	If irritation develops, flush eye 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
Auto ignition 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 Fire Fighting 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 and 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 of 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 government 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 of bulk storage vessels. Open drums in well ventilated area. Avoid breathing vapors. Do not wear contact lenses.

Storage:

For safe storage, store between 5.0°C (41°F) and 40.0°C (104°F). Below temperature limit the product properties will change. Keep container closed. Keep from freezing. Keep in a cool place.

For safe storage, store between 1°C (33.8°F) and 37°C (98.6°F). Below temperature limit the product will be irreversibly damaged and no longer usable. Above temperature limit the product properties change.

For information on product shelf life, please review labels on container.

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

Physical State:	Liquid.
Color:	White
Odor:	Slight.
Odor Threshold:	Not available
PH:	4.0-6.0
Vapor Pressure:	17.5000000 mm hg (20.0°C (68°F)
Boiling Point/Range:	>100.00° C (>212°F)
Melting Point/Range:	0.0°C (32°F)(Freezing Point)
Solubility in Water:	Miscible
Partition Coefficient (n-octanol/water):	N/A
Specific Gravity:	1.1800
Vapor Density:	>1.0000 (Air=1)
Flash Point:	>100.00°C (>212°F) Closed Cup
Flammable/Explosive Limits-Lower:	Not applicable
Flammable/Explosive Limits-Upper:	Not applicable
Auto Ignition Temperature:	Not applicable
Evaporation Rate:	1.00 Same as water
Solubility in Water:	Miscible
Partition Coefficient (n-octanol/water):	Not available
VOC Content:	<3.0% (by weight)

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous Reactions:	Will not occur.
Hazardous Decomposition Products:	Under decomposition, this product emits carbon monoxide, carbon dioxide and/or molecular hydrocarbons.
Incompatible Materials:	This product may react with strong oxidizing agents.
Conditions to Avoid:	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

Ecological Information:	No data available.
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13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal: **Information provided is for unused product only.** 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.

Hazardous Waste Number: None identified.

14. TRANSPORTATION INFORMATION

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

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

CERCLA/SARA Section 302 EHS: None above reporting minimum

CERCLA/SARA Section 311/312: None

CERCLA/SARA Section 313: None above reporting minimum

California Proposition 65: This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDSL Status:

Contains one or 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 Records as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.
Not controlled

WHMIS Hazard Class:

16. OTHER INFORMATION

Date MSDS Prepared:

January 26, 2010

Hazard Rating:

Health: 1

Flammability: 0

Reactivity: 0

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