



HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

MATERIAL SAFETY DATA SHEET

Prepared by Duro Dyne July 18, 2013

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade name: DURO DYNE WATER BASED ADHESIVE
Product Identifier: SSG-5
Item #: 5035
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:

Physical State: Liquid.
Color: White.
Odor: Slight.
CAUTION: MAY CAUSE SLIGHT EYE, SKIN OR
RESPIRATORY TRACT IRRITATION ON
REPEATED CONTACT.

Relevant Routes of Exposure: Skin, Inhalation, Eyes.

Potential Health Effects:

Inhalation: Inhalation of vapors or mists of the product may be irritating to the respiratory system.
Skin Contact: No skin irritation can be expected from single short-term exposure to this product. Prolonged or repeated contact may produce some irritation.
Eye Contact: This product may cause slight irritation to the eyes.
Ingestion: Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

Existing Conditions Aggravated by
Exposure:

None known.

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components:	Vinyl Acetate.
CAS #:	108-05-4
Weight %:	0.1-1

4. FIRST AID AND EMERGENCY MEASURES

Inhalation:	Move to fresh air. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.
Skin:	Immediately wash skin thoroughly with soap and water. Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention.
Eye Contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion:	DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flash Point:	> 100° C (> 212°F).
Autoignition Temperature:	Not determined.
Flammable/Explosive Limits-lower:	Not determined.
Flammable/Explosive Limits-upper:	Not determined.
Extinguishing Media:	Use extinguishing measures appropriate to local circumstances and the surrounding environment.
Special Firefighting Procedures:	Keep unnecessary personnel away. Fire fighters should wear positive pressure self contained breathing apparatus (SCBA)
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 slight fire hazard.
Hazardous Combustion Products:	Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURE

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

Environmental Precaution:	Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Do not allow product to enter sewer or waterways.
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Clean-Up Methods:

Keep unnecessary personnel away. Ensure adequate ventilation. Wear appropriate protective equipment and clothing during clean-up. Dispose of contaminated material as waste according to Section 13.

7. HANDLING AND STORAGE**Handling:**

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Storage:

For safe storage, store between 4.5°C (40.1°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 self life, please review labels on container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Hazardous Components:**

Vinyl Acetate.

ACGIH TLV:

10 ppm TWA

15 ppm STEL

OSHA PEL:

None.

AIHA WEEL:

None.

Other:

None.

Engineering Controls:

Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

Respiratory Protection:

Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).

Eye/Face Protection:

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.

Skin Protection:

Use impermeable gloves and protective clothing as necessary to prevent skin contact. Wear suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.
Color:	White.
Odor:	Slight.
Odor Threshold:	Not available
pH:	4.5-6.5
Vapor Pressure:	17.5 mm hg (20°C (68°F))
Boiling Point/Range:	>100° C (> 212°F)
Melting Point/Range:	0° C (32°F) (Freezing point)
Specific Gravity:	1.1
Vapor Density:	Heavier than air.
Flash Point:	>100°C (>212° F)
Flammable/Explosive Limits-Lower:	Not determined.
Flammable/Explosive Limits-Upper:	Not determined.
Autoignition Temperature:	Not determined.
Evaporation Rate:	Same as water.
Solubility in Water:	Miscible.
Partition Coefficient (n-octanol/water):	Not determined.
VOC content:	< 1% Estimated

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and use.
Hazardous Reactions:	Will not occur.
Hazardous Decomposition Products:	Oxides of carbon.
Incompatible Materials:	Contact with water reactive materials (such as oleum) can cause exothermic reactions.
Conditions to Avoid:	Do not freeze.

11. TOXICOLOGICAL INFORMATION

Hazardous Component:	Vinyl Acetate.
NTP Carcinogen:	No
IARC Carcinogen:	Group 2B
OSHA Carcinogen (Specifically Regulated):	No
Health Effects/Target Organs:	Central nervous system, irritant, mutagen. Some evidence of carcinogenicity.

12. ECOLOGICAL INFORMATION

Ecological Information:	Not available.
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13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended Method of Disposal: Legal disposition of wastes is the responsibility of the owner/generator of the waste. Applicable federal, state and/or local regulations must be followed during treatment, storage, or disposal of waste containing this product.

Hazardous Waste Number: Not a RCRA hazardous waste.

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 Substance Control Act Inventory.

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

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

CERCLA/SARA Section 311/312: Immediate Health, Delayed Health

CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40 CFR 372). Vinyl acetate (CAS# 108-05-4).

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

16. OTHER INFORMATION

Hazard Rating:

Health: 1

Flammability: 0

Physical Hazard: 0

Personal Protection: See MSDS Section 8

Date MSDS Prepared:

10/06/2011

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