

**DURO DYNE CORPORATION**  
**130 RT. 110**  
**FARMINGDALE, N.Y. 11735**  
**EMERGENCY PHONE NO. 800-424-9300**  
**INFORMATION PHONE NO. 800-899-3876**

<b>H.M.I.S.</b>	
<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>A</b>

These ratings should be used only as part of fully implemented H.M.I.S. program.

# MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION 6/2000

## SECTION I

**TRADE NAME:** DURO DYNE WATER BASED ADHESIVE  
**MANUFACTURER CODE I.D.:** WSA

## SECTION II - HAZARDOUS INGREDIENTS

**NONE HAZARDOUS**

## SECTION III - HEALTH INFORMATION

### EFFECTS OF SHORT TERM OVEREXPOSURE

**EYE:** No hazard in normal industrial use.

**INHALATION:** No hazard in normal industrial use.

**SKIN:** No hazard in normal industrial use.

**SWALLOWING:** No hazard in normal industrial use.

**EFFECTS OF REPEATED EXPOSURE:** This product should be considered non-hazardous and has no known chronic effects.

**TARGET ORGANS:** N.E

**CARCINOGENICITY:** N.E

### TOXICOLOGY INFORMATION

**ORAL LD%, SPECIES TESTED:** Greater than 5000 mg/kg

**NOTES ON ORAL TOXICITY:** Non toxic

**NOTES ON DERMAL TOXICITY:** Non toxic

**NOTES ON INHALATION TOXICITY:** Product contains less than 0.2% by weight residual vinyl acetate. Vinyl acetate vapors have caused tumors in the respiratory tract of laboratory animals exposed to 600 ppm over a lifetime. 200 ppm caused irritation, and 50 ppm produced no observable effects. There is no evidence of adverse effects on humans exposed to levels at or below the ACGIH TWA of 10 ppm.

**NOTES ON EYE IRRITATION:** May be mildly irritating, as with any foreign material in the eye.

## SECTION IV - FIRST AID AND EMERGENCY PROCEDURES

**SWALLOWING:** None required.

**INHALATION:** Not normally required.

**EYES:** Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

**SKIN:** None required.

## SECTION V - PHYSICAL DATA

**BOILING RANGE:** >212°F

**VAPOR DENSITY:** (AIR = 1) 0.62

**VAPOR PRESSURE(mmHg) :** 17.5 at 20c

**VOC:**<2 g/l

**SPECIFIC GRAVITY (WATER = 1):** 1.180

**SOLUBILITY IN WATER:** Miscible

**PURE MATERIAL OR MIXTURE:** Mixture

**APPEARANCE/PHYSICAL DESCRIPTION:** Gray liquid, typical slight, sweet odor.

**MELTING POINT:** <40°F

**% VOLATILE BY VOLUME:** 44

**EVAPORATION RATE:**1

**WEIGHT LB./GAL.:** 9.0

**WEIGHT LB./GAL:** 9.8

**PH:** AS IS 4.8

**PHYSICAL FORM:** Liquid

## SECTION VI - FIRE AND EXPLOSION DATA

**NFPA FLAMMABILITY CLASSIFICATION:** 0

**EXTINGUISHING MEDIA:** CO2, dry chemical, foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** N.E.

**LOWER EXPLOSIVE LIMIT (%):** N.E.

**FLASHPOINT:** N.E.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N.E.

**UPPER EXPLOSIVE LIMIT (%):** N.E.

**AUTOIGNITION:** Unknown

## SECTION VII - REACTIVITY DATA

**STABILITY:**

Stable

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Materials that react with water.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Carbon monoxide, carbon dioxide.

**HAZARDOUS POLYMERIZATION**

Will not occur.

## SECTION VIII - ENVIRONMENTAL INFORMATION

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED**

Spills should be taken up with suitable absorbent and placed in containers. Spill areas can be washed with water. Collect wash water for approved disposal. Do not flush to sewer or waterway.

**WASTE DISPOSAL**

Waste disposal should be in accordance with existing Federal, State, and Local Environmental Regulations.

**EMPTY CONTAINER WARNINGS**

Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

## SECTION IX - PERSONAL PROTECTION INFORMATION

**PERSONAL PROTECTIVE EQUIPMENT REQUIRED:** Normal work conditions; Maintenance/Repair.

**RESPIRATORY PROTECTION:** None required under normal handling conditions.

**VENTILATION:** General.

**HAND PROTECTION:** Gloves are not normally required for foreseeable conditions of use.

**EYE PROTECTION:** Wear safety glasses with side shields.

**CLOTHING REQUIREMENTS:** Protective clothing is normally not necessary for foreseeable conditions of use.

**CHANGE/REMOVAL OF CLOTHING:** None required.

**WASH REQUIREMENTS:** None.

## SECTION X - SPECIAL PRECAUTIONS

**HANDLING AND STORAGE**

**STORAGE TEMPERATURE:** 40°F - 100°F

Protect from freezing

## SECTION XI - OTHER INFORMATION

**SHIPPING INFORMATION**

**DOT SHIPPING INFORMATION:** N.E.

**DOT HAZARD CLASS:** N.E.

**DOT REPORTABLE QUANTITY:** None

**UNITED NATION INFORMATION**

**UN NUMBER:** None

**UN CLASS:** None

**OTHER REGULATORY**

**TSCA:** All components are on the TSCA inventory.

**SARA/TITLE III:** This product contains no substances at or above the reporting threshold under Section 313, based on data available.

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