

**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>	0
<b>FLAMMABILITY</b>	0
<b>REACTIVITY</b>	0
<b>PERSONAL PROTECTION</b>	A
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.:** SSG

## SECTION II - HAZARDOUS INGREDIENTS

**NONE HAZARDOUS**

## SECTION III - HEALTH INFORMATION

### EFFECTS OF SHORT TERM OVEREXPOSURE

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

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

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

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

### EFFECTS OF CHRONIC EXPOSURE:

Product may contain small amounts of residual vinyl acetate, an IARC 2B possible human carcinogen. Vinyl acetate vapors have been shown to cause tumors in the respiratory tract of laboratory animals exposed to 600 ppm over a lifetime; 200 ppm causes irritation; 50 ppm produces no observable effect. There is no evidence of adverse effects to humans exposed to levels at or below the ACGIH TLV.

**TARGET ORGANS:** N.A.

**CARCINOGENICITY:** No

### TOXICOLOGY INFORMATION

**ROUTE OF ENTRY:** Eye contact

**NOTES ON ORAL TOXICITY:** Non toxic

**NOTES ON INHALATION TOXICITY:** Non toxic

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

**NOTES ON DERMAL TOXICITY:** Non toxic.

## SECTION IV - FIRST AID AND EMERGENCY PROCEDURES

**INGESTION:** Treat symptomatically and supportively. Get medical attention.

**INHALATION:** First aid is not normally required.

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

**SKIN:** None required.

## SECTION V - PHYSICAL DATA

**BOILING POINT:** >212°F

**VAPOR DENSITY:** 0.62

**% VOLATILE BY VOLUME:** 35%/wt (water)

**EVAPORATION RATE:** 1 (Water)

**AUTO IGNITION:** Unknown

**SPECIFIC GRAVITY (WATER = 1):** 1.130

**PURE METAL OR MIXTURE:** Mixture

**PHYSICAL FORM:** Liquid

**PH AS IS:** 5.5

**MELTING/FREEZING POINT:** <40°F

**SOLUBILITY IN WATER:** Miscible

**APPEARANCE/PHYSICAL DESCRIPTION:** White liquid, slight odor.

**BULK DENSITY:** 9.5 lb/gal

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

**ODOR THRESHOLD:** N.E.

**VOLATILE ORGANIC COMPOUNDS:** <5g/l

**FLASH POINT:** N.E.

**OXIDIZING PROPERTIES:** N.E.

**PARTITION COEFFICIENT (N-OCTANOL/WATER):** N.E.

## SECTION VI - FIRE AND EXPLOSION DATA

**NFPA FLAMMABILITY CLASSIFICATION:** 0 = Insignificant

**AUTO IGNITION:** Unknown

**FLASHPOINT:** N.A.

**EXTINGUISHING MEDIA:** CO<sub>2</sub>, dry chemical, foam.

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

**FIRE & EXPLOSION HAZARDS:** N.A.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, carbon dioxide, acetic acid.

**U.E.L./L.E.L.:** N.A.

## SECTION VII - 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 area can be washed with water; collect wash water for approved disposal. Do not flush to sewer or waterway.

## SECTION VIII - PERSONAL PROTECTION INFORMATION

**VENTILATION REQUIREMENTS:** General.

**EYES:** Wear safety glasses with side shields.

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

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

**INHALATION:** None required under normal handling conditions.

## SECTION IX - HANDLING AND STORAGE

**STORAGE TEMPERATURE:** 40°F - 100°F.

**HANDLING STORAGE:** Protect from freezing.

**VENTILATION REQUIREMENTS:** General.

**SENSITIVITY TO STATIC ELECTRICITY:** No.

**SENSITIVITY TO MECHANICAL IMPACT:** No.

## SECTION X - STABILITY AND REACTIVITY

**STABILITY:** Stable.

**NFPA REACTIVITY HAZARD CLASS:** 0 = Insignificant.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide.

## SECTION XI - DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHODS:** 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 XII - REGULATORY INFORMATION

### SHIPPING INFORMATION

**DOT INFORMATION:** N.A. Adhesives

### UNITED NATIONS INFORMATION

**UN NUMBER:** None

**UN CLASS:** None.

**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.

**THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCT(S). SUCH ARE BASED ON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND ARE BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.**