

DURO DYNE CORPORATION  
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BAY SHORE, N.Y. 11706  
EMERGENCY PHONE NO. 800-424-9300 (CHEMTREC)  
INFORMATION PHONE NO. 800-899-3876

H.M.I.S.	
HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	See Below
These ratings should be used only as part of fully implemented H.M.I.S. program.	

# MATERIAL SAFETY DATA SHEET

PREPARED BY DURO DYNE 6/05  
REVISED 12/04

## SECTION I

TRADE NAME: DURO DYNE DDS-181 WATER BASED DUCT SEALANT  
MANUFACTURER CODE I.D.: DDS-181

## SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS #	PERCENT	OSHA PEL
Aluminum Hydroxide	21645-51-2	10-30	TWA (as A1) Soluble 2 MG/M3
Chlorinated Paraffin	63449-39-8	5-10	Not Established
Calcium Carbonate	471-34-1	10-30	TWA (Total dust) 15 MG/M3 TWA (Respirable dust) 5 MG/M3
Kaolin Clay	1332-58-7	5-10	TWA (Total dust) 10 MG/M3 TWA (Respirable dust) 5 MG/M3
Cellulose	9004-34-6	1-5	TWA (Total dust) 15 MG/M3 TWA (Respirable dust) 5 MG/M3
Crystalline Silica	14808-60-7	0.1-1	TWA (Respirable dust) 0.1 MG/M3

## SECTION III - HAZARDS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS:

EYES: Can cause minor irritation, tearing, and reddening

SKIN: Can cause minor skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

INHALATION: Can cause minor respiratory irritation. Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract. Overexposure to crystalline silica may cause silicosis. This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of the product, the material is encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur.

INGESTION: Not an anticipated route of exposure. No hazard in normal industrial use.

### LONG TERM CHRONIC HEALTH EFFECTS:

Target Organ(s): Lungs

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Lung disease

REGULATED CARCINOGEN STATUS: Cancer Hazard. Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH or OSHA listed carcinogens: Crystalline Silica

## SECTION IV - FIRST AID MEASURES

EYES: Use an eye wash to remove chemical from eye regardless of the level of hazard. Flush affected eye for at least 20 minutes. Tilt head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

SKIN: Wash affected area with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.

INHALATION: Remove subject to fresh air. Call a physician if symptoms persist.

INGESTION: Do not induce vomiting. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

## SECTION V - FIRE FIGHTING MEASURES

FLASHPOINT: Non Flammable

AUTOIGNITION TEMPERATURE: N.E.

U.E.L./L.E.L.(% in air): N.E.

EXTINGUISHERS: Use water spray, foam, dry chemical or carbon dioxide.

SPECIAL FIREFIGHTING PROCEDURES: Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: There is the possibility of pressure buildup in closed containers when heated. Water spray may be used to cool the containers.

HAZARDOUS COMBUSTION PRODUCT: Carbon dioxide, Carbon monoxide, Chlorine containing gases.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION: Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred.

SPILL OR LEAK PROCEDURES: Dike if necessary. Contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds, or water systems.

Transport Emergency Phone (CHEMTREC): 1-800-424-9300

## SECTION VII - HANDLING AND STORAGE

HANDLING: Harmful or irritating material. Avoid contacting and breathing the material. Use only in a well ventilated area. This product contains an ingredient that may release formaldehyde at heated cure temperatures. This product contains an ingredient that may react with water or humidity to release methanol (67-56-1). The TWA for methanol is 200 ppm.

STORAGE INFORMATION: Store in a cool, dry place.

## SECTION VIII - EXPOSURE CONTROL/PERSONAL PROTECTION

EYES: Wear safety glasses when handling this product.

SKIN: Avoid skin contact by wearing chemically resistant Nitrile gloves and a long-sleeved shirt. An apron may be appropriate if splashing can occur.

RESPIRATORY: Respiratory protection may be required to avoid overexposure when handling. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).

VENTILATION: Use local exhaust ventilation or other engineering controls to minimize exposure.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Gray

ODOR: Slight Ammonia

ODOR THRESHOLD: N.E.

WEIGHT PER GALLON(lbs): 11.6

SPECIFIC GRAVITY: 1.39

SOLIDS % BY WEIGHT: 67.5

PH: **N.E.**

BOILING RANGE (deg C): N.E.

FREEZING/MELTING POINT (deg C): N.E.

VAPOR DENSITY: N.E.

VAPOR PRESSURE (mm Hg): N.E.

EVAPORATION RATE: N.E.

OCTANOL/WATER COEFFICIENT: N.E.

## SECTION X - STABILITY AND REACTIVITY DATA

STABILITY: Stable under normal conditions.

CHEMICAL INCOMPATIBILITY: N.E.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide, Chlorine containing gases.

HAZARDOUS POLYMERIZATION: Will not occur.

## SECTION XI - TOXICOLOGICAL/ ECOLOGICAL INFORMATION

CHEMICAL NAME	LD50/LC50
Aluminum Hydroxide	N.E.
Calcium Carbonate	Oral LD50 Rat = 6450 mg/kg
Kaolin Clay	N.E.
Chlorinated Paraffin	Oral LD50 Rat > 21500 ml/kg, Dermal LD50 Rabbit > 10 ml/kg
Cellulose	Oral LD 50 Rat > 5 g/kg, Inhalation LC50 Rat > 5800 mg/cu m/4H
Crystalline Silica	Dermal LD50 Rabbit > 2g/kg
	N.E.

No additional health nor ecological information available.

## SECTION XII - DISPOSAL CONSIDERATIONS

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Solidify and dispose of in an approved landfill. Consult State, Local, or Provincial authorities for more restrictive requirements.

## SECTION XIII - TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information.

DOT: Not regulated In containers <119 gallons and if not shipped by vessel if 119 gallons or more or if shipped by vessel:  
Environmental hazardous substances: Liquid, NOS (Chlorinated Paraffin), 9, UN3082, III, Marine Pollutant

IATA: NOT REGULATED

## SECTION XIV - REGULATORY INFORMATION

### INVENTORY STATUS

U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements. For more information about the inventory status of this product, contact us at 631-249-9000.

This product may contain chemical substances that are regulated for export by various government agencies (such as the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement Administration, among others). Before exporting this product from the USA or Canada we recommend you contact us at 631-249-9000 to request an export overview.

### FEDERAL REPORTING

EPA SARA TITLE III Section 313:

Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 72. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

CHEMICAL NAME	CAS NUMBER	PERCENT
Polychlorinated Alkanes	63449-39-8	5-10%

WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System: D2A

### STATE REGULATIONS

This MSDS is not prepared for distribution in California.

## SECTION XV - EXPOSURE LIMITS

CHEMICAL NAME	ACGIH EXPOSURE LIMITS	AIHA WHEEL
Aluminum Hydroxide	TWA (as A1) Soluble 2 MG/M3	N. E.
Calcium Carbonate	TWA 10 MG/M3	N. E.
Kaolin Clay	TWA (Respirable dust) 2 MG/M3	N. E.
Chlorinated Paraffin	Not Established	N. E.
Cellulose	TWA (Total dust) 10 MG/M3	N. E.
Crystalline Silica	TWA (Respirable Dust) 0.05 MG/M3	N. E.

## SECTION XVI- ADDITIONAL INFORMATION

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

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