

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

H.M.I.S.	
HEALTH	0
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 6/2005
REVISED 10/2003

SECTION I

TRADE NAME: DURO DYNE WATER BASED DUCT SEALER
MANUFACTURER CODE I.D.: WDS(1,5,C)

SECTION II - COMPOSITION/ EXPOSURE LIMIT

INGREDIENT	CAS #	%	OSHA PEL	ACGIH Exposure Limit	AIHA WEEL
Calcium Carbonate	471-34-1	30-50	TWA (Respirable dust) 5 mg/m ³ -Total 15mg/m ³	TWA 10mg/m ³	N.E
Kaolin Clay	1332-58-7	1-5	TWA (Respirable dust) 5 mg/m ³ -Total 10mg/m ³	TWA (Respirable Dust) 2 mg/m ³	N.E.
Cellulose	9004-34-6	1-5	TWA (Respirable dust) 5mg/m ³ -Total 15mg/m ³	TWA (Total Dust) 10 mg/m ³	N.E.
Crystalline Silica	14808-60-7	0.1-1	TWA (Respirable dust) 0.1mg/m ³	TWA (Respirable Dust) 0.05 mg/m ³	N.E.

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). Unlisted ingredients are not hazardous per the OSHA standard and/or are not found on the WHMIS ingredient disclosure list.

SECTION III - TOXICOLOGICAL INFORMATION

CHEMICAL NAME	LD50/LC50
Calcium Carbonate	Oral LD50 Rat = 6450 mg/kg
Kaolin Clay	N.E.
Cellulose	Oral LD50 RAT > 5g/kg, Inhalation LC50 Rat >5800 mg/cu m/4H, Dermal LD50 Rabbit > 2g/kg
Crystalline Silica	N.E.

SECTION IV - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Cancer Hazard

EYES: Can cause minor irritation, tearing and reddening.

SKIN: Can cause minor irritation, defatting and dermatitis.

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.

INGESTION: Ingestion is not an anticipated route of exposure. No hazard in normal industrial use.

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

Crystalline Silica

CHRONIC LONG-TERM HEALTH EFFECTS: Target Organ(s): Lungs

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Lung Disease

SECTION V - FIRST AID MEASURES

EYES: Use eyewash and flush immediately with water for 20 minutes. Tilt head, and seek medical advice.

SKIN: Wash affected area with soap and water. 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 VI- ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION:

No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in section IX of this MSDS.

CLEAN-UP:

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 (800) 424-9300

SECTION VII - FIRE FIGHTING MEASURES

FLASHPOINT/METHOD: Non-flammable

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

AUTOIGNITION TEMPERATURE: N.E.

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

SPECIAL FIRE FIGHTING 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 VIII - HANDLING AND STORAGE

HANDLING:

No special handling instructions due to toxicity.

STORAGE:

Store in a cool, dry area.

SECTION IX - EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Wear safety glasses to reduce the potential for eye contact.

SKIN PROTECTION: Avoid skin contact by wearing chemically resistant gloves.

RESPIRATORY PROTECTION: Respiratory protection may be required to avoid overexposure when handling this product. 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.

GLOVES: Not normally required. Use nitrile gloves if conditions warrant.

SECTION X - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOR: Gray

ODOR: Mild sweet

WEIGHT PER GALLON: 12 Lbs.

SPECIFIC GRAVITY: 1.44

% SOLIDS PER WEIGHT: 68.5

ODOR THRESHOLD: N.E.

PH: N.E.

BOILING RANGE: (Deg. C) N.E.

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

VAPOR PRESSURE: (mmHg) N.E.

VAPOR DENSITY: N.E.

EVAPORATION RATE: N.E.

OCTANOL/WATER COEFFICIENT: N.E.

SECTION XI - STABILITY AND REACTIVITY DATA

STABILITY: Stable under normal conditions

INCOMPATIBILITY: N.E.

HAZARDOUS DECOMPOSITION: Carbon monoxide, Carbon Dioxide, Chlorine containing gases

HAZARDOUS POLYMERIZATION: Will not occur

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. No ecological information available.

SECTION XIII- TRANSPORTATION/REGULATORY INFO

Consult Bill of Lading for transportation information.

DOT: NOT REGULATED

IATA: NOT REGULATED

INVENTORY STATUS

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

TSCA section 12(b)- Export Notice Requirements

This product contains a chemical substance that is currently on the EPA's Section 12(b) Export List. Contact us at 631-249-9000 for the identity of the section 12(b) chemical(s).

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.

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

D2B D2A

This MSDS is not prepared for distribution in California.

SECTION XIV- ADDITIONAL INFORMATION

This MSDS 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).

THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE. BECAUSE SOME OF THE INFORMATION IS PROVIDED TO DURO DYNE CORPORATION FROM ITS SUPPLIERS, DURO DYNE CORPORATION MAKES NO WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. SINCE THE USE OF THIS INFORMATION AND THE CONDITIONS AND USE OF THIS PRODUCT ARE CONTROLLED BY THE USER, IT IS THE USER'S OBLIGATION TO DETERMINE THE CONDITIONS OF SAFE USE OF THE PRODUCTS. THE INFORMATION IS SUPPLIED SOLELY FOR YOUR INFORMATION AND CONSIDERATION AND DURO DYNE CORPORATION ASSUMES NO RESPONSIBILITY FOR USE OR RELIANCE THEREON. IT IS THE RESPONSIBILITY OF THE USER OF DURO DYNE CORPORATION PRODUCTS TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.