

DWN SAFETY DATA SHEET

CREATION DATE: JUNE 26, 2000
REVISION DATE: August 31, 2016
 PREVIOUS VERSION: March 19, 2015

DURO DYNE CANADA INC.
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Medical Emergency Telephone Number (24 Hours): 1-888 853-1758

SECTION 01: DWN CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: DURO DYNE WATER BASE DUCT SEALER
 PRODUCT NUMBER: DURODYNE CNDA 5043 DWN-C,
 PRODUCT CODE: DWN
 PRODUCT DESCRIPTION: SEALANT
 PRODUCT IDENTIFIER: 821632PM

MANUFACTURER:

H.B. FULLER CONSTRUCTION PRODUCTS INC.
 1105 S. Frontenac Street
 Aurora, IL 60504

Medical Emergency Telephone Number: 1-888-853-1758 (24 Hours)
Transport Emergency Telephone Number (CHEMTREC) : 1-800-424-9300

SECTION 02: DWN HAZARDS IDENTIFICATION

GHS Classification: This product is not classified as hazardous under GHS criteria.

GHS Precautions:

Safety Precautions: No special precautionary measures are required. Please read the entire Safety Data Sheet for other information regarding handling of this product.

First Aid Measures:

IF SWALLOWED: Do not induce vomiting. Seek medical attention if symptoms develop.
 IF IN EYES: Use an eye wash to remove the chemical from eye.
 IF ON SKIN: Wash with soap and water.
 IF INHALED: Remove individual to fresh air after an airborne exposure if any symptoms develop.

SECTION 03: DWN COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	PERCENT	CLASSIFICATION	NOTE
Kaolin clay	1332-58-7	10 – 30		* (see below)
Titanium dioxide	13463-67-7	1 - 5	Carc. 2; H351	* (see below)
Crystalline silica	14808-60-7	0.1 – 1	Carc. 1A; H350 STOT RE 1; H372	* (see below)
Cristobalite	14464-46-1	0.1 – 1	Acute Tox. 4; H332 Carc. 2; H351 STOT RE: 1; H372	* (see below)

SECTION 03: DWN COMPOSITION / INFORMATION ON INGREDIENTS

*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. This product contains titanium dioxide, which is hazardous when present as an airborne dust. As provided, and during normal use of this product, this substance is encapsulated within the product. As such, it is considered to be inextricably bound, and not readily available for exposure. This product contains crystalline silica. As provided, and during normal use of this product, the crystalline silica is encapsulated within the product. As such, it is considered to be inextricably bound, and not readily available for exposure. Use of this product would not subject the user to the compliance requirements of 29CFR1910.1053 or 1926.1153.

Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous Materials Information System ingredient disclosure list. See Section 8 for any additional exposure limit guidelines.

SECTION 04: DWN FIRST AID MEASURES

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

IF ON SKIN: Wash affected area with soap and water. Get medical attention if irritation develops or persists. Launder contaminated clothing before reuse.

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

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

SECTION 05: DWN FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: use water spray, foam, dry chemical or carbon dioxide.

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

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

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, Carbon monoxide

SECTION 06: DWN ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION: No adverse health effects expected from the cleanup of spilled material. Follow personal protective equipment recommendations found in Section 8 of this SDS.

METHODS FOR CLEANUP: 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 Number (CHEMTREC): 1-800-424-9300

SECTION 07: DWN HANDLING AND STORAGE

HANDLING: No special handling instructions due to toxicity.

STORAGE: Store in a cool, dry place. Protect from freezing. Consult the Technical Data Sheet for specific storage instructions.

SECTION 08: DWN EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

CHEMICAL NAME	NOTE	ACGIH EXPOSURE LIMITS	OSHA PEL
Kaolin clay	* (see below)	2 mg/m ³ TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
Titanium dioxide	* (see below)	10 mg/m ³ TWA	15 mg/m ³ TWA (total dust)
Crystalline silica	* (see below)	0.025 mg/m ³ TWA (respirable fraction)	((250)/(%SiO ₂ +5) mppcf TWA (respirable)); ((10)/(%SiO ₂ +2) mg/m ³ TWA (respirable)); ((30)/(%SiO ₂ +2) mg/m ³ TWA (total dust));
Cristobalite	* (see below)	0.025 mg/m ³ TWA (respirable fraction)	Not established

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ENGINEERING CONTROL METHODS:

VENTILATION: General room ventilation might be required under normal conditions of use.

EYE PROTECTION: Wear safety glasses to reduce the potential for eye contact. Chemical safety goggles are appropriate if splashing or dusting is likely. Have eye washes where eye contact can occur.

SKIN PROTECTION: Prevent prolonged or repeated contact by wearing chemically resistant gloves and appropriate protective clothing. Launder contaminated clothing before reuse.

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

RESPIRATORY PROTECTION: No respiratory protection required under normal conditions of use.

Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).

SECTION 09: DWN PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

COLOUR: Grey

ODOR: Mild Sweet

ODOR THRESHOLD: Not established

pH: Not established

FREEZING/MELTING POINT (deg. C): Not established

BOILING POINT (deg. C): Not established

FLASH POINT: Non Flammable

EVAPORATION RATE: Not established

SECTION 09: DWN PHYSICAL AND CHEMICAL PROPERTIES

FLAMMABILITY: Not a flammable solid or gas
 UPPER EXPLOSIVE LIMIT (% in air): Not established
 LOWER EXPLOSIVE LIMIT (% in air): Not established
 VAPOR PRESSURE (mm Hg): Not established
 VAPOR DENSITY: Not established
 WEIGHT PER GALLON (lbs): 11.70
 SPECIFIC GRAVITY: 1.400
 SOLUBILITY: Not established
 OCTANOL/WATER COEFFICIENT: Not established
 AUTOIGNITION TEMPERATURE: Not established
 DECOMPOSITION TEMPERATURE: Not established
 VISCOSITY: No data available
 SOLIDS (% by weight): 69.0
 VOC, weight percent: 1.00
 VOC, U.S. EPA Method 24, less water and exempt solvents (theoretically determined): 24g/Ltr of material

SECTION 10: DWN STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.
 CHEMICAL INCOMPATIBILITY: Not established
 HAZARDOUS POLYMERIZATION: Will not occur.
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide

SECTION 11: DWN TOXICOLOGICAL INFORMATION

Component Toxicity / Toxicology Data:

COMPONENT	LD50/LC50
No data available	

This product is a mixture. Unless noted, the information below is based on components.

Skin corrosion / irritation: No irritation hazard in normal industrial use.
 Serious eye damage / irritation: No irritation hazard in normal industrial use.
 Respiratory / skin sensitization: No data available.
 Germ cell mutagenicity: No data available.
 Carcinogenicity: Contains a material that may cause cancer.
 Reproductive toxicity: No data available.
 Specific target organ toxicity-single exposure: No data available
 Respiratory irritation / Narcotic effects: No data available.
 Specific target organ toxicity-repeated exposure: No data available.
 Target organs potentially affected by exposure: Lungs
 Aspiration hazard: Not an aspiration hazard.

Medical Conditions Aggravated by Exposure: Lung disease

SECTION 12: DWN ECOLOGICAL INFORMATION

OVERVIEW: No ecological information available for this product.
 MOBILITY: No data available.
 PERSISTENCE: No data available.
 BIOACCUMULATION: No data available.

SECTION 12: DWN ECOLOGICAL INFORMATION

This product has not been tested for ecological effects. Relevant information for components is listed below:

COMPONENT	ECOTOXICITY VALUES
No data available	Acute Toxicity (Fish): Acute Toxicity (Daphnia): Acute Toxicity (Algae):

SECTION 13: DWN 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 14: DWN TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information.

US DOT: NOT REGULATED

IATA: NOT REGULATED

IMDG: NOT REGULATED

SECTION 15: DWN REGULATORY INFORMATION

INVENTORY STATUS

U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

CANADIAN CEPA DSL: The components of this product are included on the DSL or are exempt from DSL requirements.

EUROPEAN REACH: As a result of the introduction of REACH into Europe, this product cannot be imported into Europe unless the REACH requirements are met.

AUSTRALIA AICS: This product contains a component that is not on the Australian Inventory (AICS).

If you need more information about the inventory status of this product call 651-236-5858

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 reg.request@hbfuller.com to request an export review.

This product contains a chemical substance that is subject to a Significant New Use Rule (SNUR) under Section 5(a)(2) of TSCA:

.alpha (Nonylphenyl)-.omega.-hydroxy-poly (oxy-1,2-ethanediyl)
.alpha (4-Nonylphenyl)-.omega.-hydroxy-poly (oxy-1,2-ethanediyl)
79 FR 59186, Oct 1, 2014 (Proposal rule)

SECTION 15: DWN REGULATORY INFORMATION

FEDERAL REPORTING

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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 372. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

CHEMICAL NAME	CAS#	%
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STATE REPORTING

Proposition 65, The Safe Drinking Water and Toxic Enforcement Act of 1986:

Unless listed below, this product does not contain known levels of any chemical known to the State of California to cause cancer or reproductive harm.

CHEMICAL NAME / LIST	CAS	PERCENT
Titanium dioxide (Carcinogen)	13463-67-7	1 – 5
Quartz (Carcinogen)	14808-60-7	0.1 – 1
Carbon black (Carcinogen)	1333-86-4	0.01 – 0.1
Diethanolamine (Carcinogen)	111-42-2	0.001 – 1.01
Acetaldehyde (Carcinogen)	75-07-0	0.001 – 0.01
Formaldehyde (Carcinogen)	50-00-0	0.001 – 0.01
1,4-Dioxane (Carcinogen)	123-91-1	< 10 ppm
Ethyl acrylate (Carcinogen)	140-88-5	< 10 ppm
Ethylene glycol (Developmental toxin)	107-21-1	0.1 – 1
Methanol (Developmental Toxin)	67-56-1	< 10 ppm

Substances of Very High Concern (SVHC) Content:

Unless listed below, this product does not contain SVHC's at 0.1% or greater, as of the version date of this SDS.

Tert-Octylphenol, ethoxylated

4-Nonylphenol, ethoxylated

4-Nonylphenol, ethoxylated

SECTION 16: DWN ADDITIONAL INFORMATION

SDS VERSION DATE: 08-31-16

This 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).

HMIS RATING: HEALTH – 0 FLAMMABILITY – 0 REACTIVITY – 0
See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

Prepared by: The Global Regulatory Department
SDS VERSION DATE: 08-31-16
Phone: 651-236-5842

DWN ADDITIONAL INFORMATION

**** 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. ****

DWN TECHNICAL CONTACT
FOR INFORMATION CONTACT:
S.D.S. Co-Ordinator
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(514) 422-9760