

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

THIS MSDS IS OFFERED IN CANADIAN-FRENCH UPON REQUEST.

ON PEUT DEMANDER CETTE MSDS A LA LANGUE FRANCAISE-CANADIENNE.

PRODUCT NAME : KWIK SEAL BASEMENT PAINT  
 UPC NUMBER : 7079875090, 7079875095  
 PRODUCT USE/CLASS : Waterproofing cement paint  
 MANUFACTURER:

DAP CANADA CORP.  
 475 FINCHDENE SQUARE UNIT 5  
 SCARBOROUGH, ONTARIO MIX 1B7

24 HOUR EMERGENCY:  
 TRANSPORTATION: 1-800-535-5053 (352-323-3500)

PREPARE DATE: 11/1/1999

MEDICAL: 1-800-327-3874 (513-558-5111)

REVISION NO.: 3

GENERAL INFORMATION:

DAP INC. : 1-888-DAP-TIPS (1-888-327-8477)

REVISION DATE: 07/25/2003

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	RANGE WT/WT %
01	Titanium dioxide	13463-67-7	1.0-5.0 %
02	Crystalline Silica	14808-60-7	10.0-15.0 %
03	Calcium Carbonate	1317-65-3	5.0-10.0 %
04	Hydrous Aluminum Silicate	1332-58-7	5.0-10.0 %
05	Portland cement	65997-15-1	25.0-35.0 %
06	Mineral spirits	8052-41-3	15.0-25.0 %

EXPOSURE LIMITS

ITEM	ACGIH		OSHA		COMPANY	SKIN
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	
01	10 mg/m3dust	N.E.	10 mg/m3dust	N.E.	N.E.	NO
02	0.05 mg/m3*	N.E.	**	N.E.	N.E.	NO
03	10 mg/m3dust	N.E.	10 mg/m3dust	N.E.	N.E.	NO
04	2 mg/m3dust	N.E.	10 mg/m3dust	N.E.	N.E.	NO
05	10 mg/m3dust	N.E.	10 mg/m3dust	N.E.	N.E.	NO
06	100 ppm	N.E.	100 ppm	N.E.	N.E.	NO

\* The 2001 ACGIH Threshold Limit Values for Chemical Substances and Physical Agents lists the median Respirable Particulate Mass (RPM) point for crystalline silica at 4.0 microns in terms of the particle's aerodynamic diameter.

\*\* 10 mg/m3 / (% SiO2 + 2): Both concentration and percent quartz for the application of this limit are to be determined from the fraction passing a size selector with the following characteristics

Aerodynamic diameter (unit density sphere)	Percent passing selector
2	90
2.5	75
3.5	50
5.0	25
10	0

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Listed Permissible Exposure Levels (PEL) are from the U.S. Dept. of Labor OSHA Final Rule Limits (CFR 29 1910.1000); limits may vary between states.

Remaining ingredients are not considered hazardous per the OSHA Hazard Communication Standard.

(See Section 16 for abbreviation legend)

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: WARNING! Combustible liquid and vapor. Causes eye irritation. Causes skin irritation. Vapor harmful. Injurious to eyes. Harmful if inhaled. Harmful or fatal if swallowed.

POTENTIAL HEALTH EFFECTS:

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes eye irritation.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Causes skin irritation. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Wet cement can dry skin and cause alkali burns.

EFFECTS OF OVEREXPOSURE - INHALATION: Vapor harmful if inhaled. Vapor inhalation may affect the brain or nervous system causing dizziness, headache, nausea or unconsciousness. Causes eye, skin, nose, throat and respiratory tract irritation. Avoid misting and splashing.

EFFECTS OF OVEREXPOSURE - INGESTION: This material is harmful or fatal if swallowed. If ingested this product may cause vomiting, diarrhea, and depressed respiration. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.

EFFECTS OF OVER EXPOSURE û CHRONIC HAZARDS

Reports have associated permanent brain and nervous system damage with prolonged and repeated occupational overexposure to solvents.

The International Agency for Research on Cancer (IARC) has determined that crystalline silica in the form of quartz or cristobalite that is inhaled from occupational sources is carcinogenic to humans (Group 1 û carcinogenic to humans). Refer to IARC Monograph 68, Silica, Some Silicates and Organic Fibres (published in June 1997) in conjunction with the use of these materials. The National Toxicology Program (NTP) classifies respirable crystalline silica as known to be a human carcinogen. Refer to the 9th Report on Carcinogens (2000). The American Conference of Governmental Industrial Hygienists (ACGIH) classifies crystalline silica, quartz, as a suspected human carcinogen (A2).

SECTION 3 - HAZARDS IDENTIFICATION

Breathing dust containing respirable crystalline silica may not cause noticeable injury or illness even though permanent lung damage may be occurring. Inhalation of dust may have the following serious chronic health effects: Excessive inhalation of respirable dust can cause pneumoconiosis, a respiratory disease, which can result in delayed, progressive, disabling and sometimes fatal lung injury. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function. Smoking exacerbates this disease. Individuals with pneumoconiosis are predisposed to develop tuberculosis. There is some evidence that breathing respirable crystalline silica or the disease silicosis is associated with an increased incidence of significant disease endpoints such as scleroderma (an immune system disorder manifested by fibrosis of the lungs, skin and other internal organs) and kidney disease.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY CONTACT: None known.

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT INHALATION

SECTION 4 - FIRST AID MEASURES

EYE CONTACT: Flush with large quantities of water for at least 15 minutes until irritation subsides. Contact a physician immediately.

SKIN CONTACT: Wash with soap and water.

INHALATION: Remove to fresh air. Contact a physician immediately.

INGESTION: DO NOT INDUCE VOMITING. Contact a physician or Regional Poison Control Center immediately.

COMMENTS: Call Medical Emergency 1-800-327-3874 if any irritation or complications arise from any of the above routes of entry.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: 104 F (40 C)  
(PENSKY-MARTENS C.C.)

LOWER EXPLOSIVE LIMIT: N.A.  
UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: N.E.

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers may explode if exposed to extreme heat. Eliminate sources of ignition: heat, electrical equipment, sparks, and flames. Do not put in contact with oxidizing or caustic materials.

SECTION 5 - FIRE FIGHTING MEASURES

SPECIAL FIREFIGHTING PROCEDURES: Full protective equipment, including self-contained breathing apparatus, is recommended to protect from combustion products. Cool exposed containers with water.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Dike spill area. Absorb remaining liquid with absorbent material and place into containers.

SECTION 7 - HANDLING AND STORAGE

HANDLING INFORMATION: KEEP OUT OF REACH OF CHILDREN. Do not get on skin, in eyes or on clothing. Avoid breathing vapors. Use only in a well ventilated area. Keep away from heat, sparks and flame. Vapors may cause flash fire. Vapors are heavier than air and will collect in low areas. Check all low areas such as basements and sumps for vapor before entering. Do not smoke. Vapors may travel long distances to a source of ignition and flash back. Extinguish all flames and pilot lights and turn off stoves, heaters, electric motors, burners and other sources of ignition and static electricity during use and until all vapors are gone. Do not breathe vapor spray mist or dust.

Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation such that chemical odors can not be detected during use and while drying. Ensure fresh air entry during application and drying. If all windows and doors can not be opened to provide cross ventilation use DAP« Kwik Seal Plus« Basement Paint.

If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use.

STORAGE INFORMATION: Store away from caustics and oxidizers. Keep containers from excessive heat and freezing. Do not expose to heat or store at temperatures above 120 degrees F. Do not store near stove or radiators. Do not store in direct sunlight. Keep containers tightly closed when not in use. Do not re-use empty container.

OTHER PRECAUTIONS: Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal. Do not take internally. Wash thoroughly after handling.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS: Provide sufficient mechanical ventilation (local or general exhaust) to maintain exposure below PEL and TLV. Vapors are heavier than air and will collect in low areas. Check all low areas (basements, sumps, etc.) for vapor before entering.

RESPIRATORY PROTECTION: If 8 hour exposure limit or value is exceeded for any component, use an approved NIOSH/OSHA respirator. Consult your safety

equipment supplier and the OSHA regulation, 29 CFR 1910.134 for respirator requirements. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

National Institute for Occupational Safety and Health (NIOSH) has recommended that the permissible exposure limit be changed to 50 micrograms respirable free silica per cubic meter of air (0.05 mg/m<sup>3</sup>) as determined by a full shift sample up to 10 hour working day, 40 hours per week. The 1974 NIOSH Criteria for a recommended Standard for Occupational Exposure to Crystalline Silica should be consulted for more detailed information.

EYE PROTECTION: Goggles or safety glasses with side shields.

SKIN PROTECTION: Solvent impervious gloves.

OTHER PROTECTIVE EQUIPMENT: Provide eyewash and solvent impervious apron if body contact may occur.

HYGIENIC PRACTICES: Wash contaminated clothing before reuse.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES  
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BOILING RANGE	: 130-140 F (54-60 C)	VAPOR DENSITY:	Is heavier than air
ODOR	: Gasoline like		
APPEARANCE	: Off-white liquid	EVAPORATION RATE:	Is slower than Butyl Acetate
SOLUBILITY IN H <sub>2</sub> O	: N.A.	Viscosity	3000-4000 cPs
SPECIFIC GRAVITY	: 1.716 gm/cu. cm	(Stormer)	
VAPOR PRESSURE	: 2 mm Hg		
PHYSICAL STATE	: Liquid		

(See Section 16 for abbreviation legend)

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SECTION 10 - STABILITY AND REACTIVITY  
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CONDITIONS TO AVOID: Excessive heat and freezing.

INCOMPATIBILITY: Strong oxidizers and caustics.

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SECTION 10 - STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS: Normal decomposition products, i.e. COx, NOx

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

SECTION 12 - ECOLOGICAL INFORMATION

No Information Available.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE MANAGEMENT/DISPOSAL: Dispose of according to Federal, State, and Local Standards. Discarded material should be incinerated at a permitted facility. Liquids cannot be disposed of in a landfill. Do not reuse empty container. State and Local regulations/restrictions are complex and may differ from Federal regulations. Responsibility for proper waste disposal is with the owner of the waste.

EPA WASTE CODE - If discarded (40 CFR 261): D001-Ignitable.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: ORM-D Consumer Commodity

DOT HAZARD CLASS: NONE

DOT UN/NA NUMBER: NONE      PACKING GROUP: NONE

For domestic ground transportation only. This material becomes a flammable liquid if shipped by air.

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

SECTION 15 - REGULATORY INFORMATION

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

None

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

None.

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

----- CHEMICAL NAME -----	CAS NUMBER
Acrylic polymer	NJTSRN618608-5013P

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

----- CHEMICAL NAME -----	CAS NUMBER
Acrylic polymer	Proprietary

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer:

----- CHEMICAL NAME -----	CAS NUMBER
Crystalline Silica	14808-60-7
Benzene	71-43-2

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: Class B, Division 3

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 2      FLAMMABILITY: 2      REACTIVITY: 0

(Continued on Page 8)

SECTION 16 - OTHER INFORMATION

PREVIOUS MSDS REVISION DATE: 07/08/2003

REASON FOR REVISION: Update formulation

VOC less water, less exempt solvent: 365 g/L (21.5%)

VOC material : 365 g/L

LEGEND: ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS  
N.A. - NOT APPLICABLE  
N.E. - NOT ESTABLISHED  
PEL - PERMISSIBLE EXPOSURE LIMIT  
NTP - NATIONAL TOXICOLOGY PROGRAM  
SARA - SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986  
STEL - SHORT TERM EXPOSURE LIMIT  
TLV - THRESHOLD LIMIT VALUE(8 HR. TIME WEIGHTED AVERAGE OR TWA)  
VOC - VOLATILE ORGANIC COMPOUND  
NJRTK - NEW JERSEY RIGHT TO KNOW LAW  
N.D. - NOT DETERMINED

MSDS# 79904

This data is offered in good faith as typical values and not as a product specification. No warranty either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review the recommendations in specific context of the intended use and determine if they are appropriate.

< End OF MSDS >