

M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : KWIK SEAL PLUS BASEMENT PAINT WITH MICROBAN
 UPC NUMBER : 15300, 15305, 15310, 15313
 PRODUCT USE/CLASS : Cement Coating
 MANUFACTURER: 24 HOUR EMERGENCY:
 DAP INC. TRANSPORTATION: 1-800-535-5053 (352-323-3500)
 2400 BOSTON STREET MEDICAL: 1-800-327-3874 (513-558-5111)
 BALTIMORE, MD 21224
 PREPARE DATE: 11/1/1999 GENERAL INFORMATION:
 REVISION NO.: 6 DAP INC. : 1-888-DAP-TIPS (1-888-327-8477)
 REVISION DATE: 05/31/2005

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	RANGE WT/WT %
01	Calcium carbonate	1317-65-3	20.0-30.0 %
02	Crystalline Silica	14808-60-7	10.0-20.0 %
03	Talc	14807-96-6	1.0-5.0 %
04	Titanium dioxide	13463-67-7	1.0-5.0 %
05	Ethylene Glycol Monopropyl Ether	2807-30-9	1.0-5.0 %
06	Diethylene Glycol Butyl Ether	112-34-5	1.0-5.0 %
07	Butyl Benzyl Phthalate	85-68-7	1.0-5.0 %
08	Carbon Black	1333-86-4	0.0-0.1 %

EXPOSURE LIMITS

ITEM	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
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	2 mg/m3dust	N.E.	10 mg/m3dust	N.E.	N.E.	NO
04	10 mg/m3dust	N.E.	15 mg/m3dust	N.E.	N.E.	NO
05	N.E.	N.E.	N.E.	N. E.	N.E.	NO
06	N.E.	N.E.	N.E.	N. E.	N.E.	NO
07	N.E.	N.E.	N.E.	N. E.	N.E.	NO
08	3.5 MGM3	N.E.	3.5 MGM3	N. E.	N.E.	NO

(See Section 16 for abbreviation legend)

* 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

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

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.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A thick white liquid with a mild sweet odor.

WARNING! HARMFUL OR FATAL IF SWALLOWED. Causes eye, skin, nose, throat and respiratory tract irritation. May affect the brain or nervous system causing dizziness, headache or nausea. Prolonged exposure to skin may cause dermatitis.

POTENTIAL HEALTH EFFECTS:

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Irritates the eyes.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Irritates the skin.

EFFECTS OF OVEREXPOSURE û INHALATION: Irritates the nose, throat and respiratory tract. 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 respiratory protection during use and after application or leave the area.

EFFECTS OF OVEREXPOSURE - INGESTION: If ingested this product may cause nausea, vomiting and diarrhea.

EFFECTS OF OVER EXPOSURE - CHHRONIC HAZARDS

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- 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).

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

(Continued on Page 3)

SECTION 3 - HAZARDS IDENTIFICATION

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. 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 1-800-327-3874 if irritation or complications arise from any of the above routes of exposure.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: > 200 F (93 C) LOWER EXPLOSIVE LIMIT: N.A.
(PENSKY-MARTENS C.C.) UPPER EXPLOSIVE LIMIT: N.A.
AUTOIGNITION TEMPERATURE: N.E.

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

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 6 - ACCIDENTAL RELEASE MEASURES

SECTION 7 - HANDLING AND STORAGE

HANDLING INFORMATION: KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. Avoid skin and eye contact. Do not get on clothing. Avoid breathing vapors, mist or dust. Use only in a well ventilated area. Use only with adequate ventilation. Ensure fresh air entry during application and drying by opening windows and doors. Keep container closed when not in use. Wash thoroughly after handling.

STORAGE INFORMATION: Store away from caustics and oxidizers. Keep containers tightly closed when not in use. Keep containers from excessive heat and freezing. Do not store at temperatures above 120 degrees F(49 C). Do not store near stoves or radiators. Do not store in direct sunlight.

OTHER PRECAUTIONS: Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal. Provide fresh air such that chemical odors cannot be detected during use and while drying.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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:

Dry sanding of dried product results in the generation of dust which contains crystalline silica. Avoid exposure to dust by wearing an appropriate, properly fitted, dust respirator during dry sanding. Follow respiratory manufacturer's directions for respirator use.

If the 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.

The National Institute for Occupational Safety and Health (NIOSH) recommended permissible exposure limit of 50 micrograms respirable free silica per cubic meter of air (0.05 mg/m3) as determined by a full shift sample up to 10 hour working day, 40 hours per week.

EYE PROTECTION: Goggles or safety glasses with side shields.

SKIN PROTECTION: Solvent impervious gloves.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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

HYGIENIC PRACTICES: Wash contaminated clothing before reuse.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE : 212 F (100 C) VAPOR DENSITY : Is heavier than air
ODOR : N.A.
APPEARANCE : White liquid EVAPORATION RATE: Is slower than Butyl
SOLUBILITY IN H2O : Soluble Acetate
SPECIFIC GRAVITY : 1.57

VAPOR PRESSURE : N.A.
PHYSICAL STATE : Liquid

(See Section 16 for abbreviation legend)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Excessive heat and freezing.

INCOMPATIBILITY: Strong oxidizers and caustics.

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 information available.

SECTION 12 - ECOLOGICAL INFORMATION

No Information Available.

SECTION 12 - ECOLOGICAL INFORMATION

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): None.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Not Regulated by D.O.T.

DOT HAZARD CLASS: NONE

DOT UN/NA NUMBER: NONE PACKING GROUP: NONE

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

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

SECTION 15 - REGULATORY INFORMATION

NEW JERSEY RIGHT-TO-KNOW:

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

SECTION 15 - REGULATORY INFORMATION

CHEMICAL NAME	CAS NUMBER
Calcium carbonate	1317-65-3
Acrylic polymer	Proprietary
Nonasbestos tremolite	14567-73-8
Talc	14807-96-6

PENNSYLVANIA RIGHT-TO-KNOW:

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

CHEMICAL NAME	CAS NUMBER
Calcium carbonate	1317-65-3
Acrylic polymer	Proprietary
Nonasbestos tremolite	14567-73-8
Talc	14807-96-6

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

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: Not determined.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 07/15/2003

REASON FOR CHANGE: Change formulation.

VOC content: 146 g/L (9 - 10 %)

SECTION 16 - OTHER INFORMATION

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# 79901

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 >