

5092 06D

ITEM: 2PE51 - Latex Sealant Caulk

ORDER: 0029656480

LP NUMBER: U828279676

MSDS: A9209

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - A9209

Associated Grainger Items
4MY75, 2PE50, 2PE51, 2PE52, 2PE53, 2PE54, 2PE55

MATERIAL SAFETY DATA SHEET

24 HOUR EMERGENCY PHONE NUMBERS:

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

TRANSPORTATION:
1-800-535-5053
1-352-323-3500

NOTE:
NATIONAL RESPONSE CENTER EMERGENCY NUMBERS TO BE USED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT INVOLVING CHEMICALS.

IMPORTANT:
PROVIDE THIS INFORMATION TO EMPLOYEES, CUSTOMERS, AND USERS OF THIS PRODUCT. READ THIS MSDS BEFORE HANDLING OR DISPOSING OF THIS PRODUCT. THIS DOCUMENT HAS BEEN PREPARED IN ACCORDANCE WITH REQUIREMENTS OF THIS STANDARD. ALL ABBREVIATED TERMS USED IN THIS MSDS ARE FURTHER DESCRIBED IN SECTION 16.

SECTION 1 - CHEMICAL PRODUCT/COMPANY INFORMATION

THIS MATERIAL SAFETY DATA SHEET IS AVAILABLE IN CANADIAN FRENCH AND HISPANIC AMERICAN SPANISH UPON REQUEST.

PRODUCT NAME: VOC COMPLIANT PHENOSEAL DOES IT ALL WHITE AND COLORS

PRODUCT UPC NUMBER:
5113600005, 5113600101, 5113600511, 5113600521, 5113600524, 5113602101, 5113602102, 5113603102, 5113604102, 5113606102, 5113609102, 5113616102, 5113624117, 5113630101, 5113699012, 5113699013, 5113699014, 5113699016

PRODUCT USE/CLASS: LATEX CAULK

MSDS NUMBER: 00061014001

MANUFACTURER:
DAP INC.
2400 BOSTON STREET SUITE 200
BALTIMORE, MD 21224-4723
888-327-8477 (NON-EMERGENCY MATTERS)

REVISION DATE: 02/03/2006

SUPERCEDES: 07/13/2004

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Table with 6 columns: CHEMICAL NAME, CASRN, WT%, ACGIH TWA, ACGIH STEL, ACGIH CEIL. Rows include TALC, NON-FIBROUS; 2,2,4-TRIMETHYL-1,3-PENTANEDIOL MONOISOBUTYRATE; TITANIUM DIOXIDE; CARBON BLACK; VINYL ACETATE; ACETALDEHYDE.

Table with 5 columns: CHEMICAL NAME, OSHA TWA, OSHA STEL, OSHA CEIL, SKIN. Rows include TALC, NON-FIBROUS; 2,2,4-TRIMETHYL-1,3-PENTANEDIOL MONOISOBUTYRATE; TITANIUM DIOXIDE; CARBON BLACK; VINYL ACETATE; ACETALDEHYDE.

EXPOSURE NOTES:

Table with 2 columns: CASRN, EXPOSURE NOTE. Row for 14807-96-6 describing TALC composition and exposure limits.

IMPORTANT:
LISTED PERMISSIBLE EXPOSURE LEVELS (PEL) ARE FROM THE U.S. DEPT. OF LABOR OSHA FINAL RULE LIMITS (CFR 29 1910.1000); THESE LIMITS MAY VARY BETWEEN STATES.

NOTE:
AN EMPLOYEE'S SKIN EXPOSURE TO SUBSTANCES HAVING A "YES" IN THE "SKIN"

COLUMN IN THE TABLE ABOVE SHALL BE PREVENTED OR REDUCED TO THE EXTENT NECESSARY UNDER THE CIRCUMSTANCES THROUGH THE USE OF GLOVES, COVERALLS, GOGGLES OR OTHER APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT, ENGINEERING CONTROLS OR WORK PRACTICES

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
A WHITE, OFF -WHITE OR COLORED PASTE WITH A SLIGHT SOLVENT ODOR.
WARNING!
HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN. MAY CAUSE EYE, SKIN, NOSE, THROAT AND RESPIRATORY TRACT IRRITATION.

REFER TO OTHER MSDS SECTIONS FOR OTHER DETAILED INFORMATION.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: MAY CAUSE EYE IRRITATION.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT:
MAY CAUSE SKIN IRRITATION. HARMFUL IF ABSORBED THROUGH THE SKIN. PROLONGED OR REPEATED CONTACT WITH SKIN MAY CAUSE IRRITATION.

EFFECTS OF OVEREXPOSURE - INHALATION:
HARMFUL IF INHALED. INHALATION OF HIGH VAPOR CONCENTRATIONS CAN CAUSE CNS-DEPRESSION AND NARCOSIS. INHALATION MAY CAUSE IRRITATION TO THE RESPIRATORY TRACT (NOSE, MOUTH, MUCCOUS MEMBRANES).

EFFECTS OF OVEREXPOSURE - INGESTION: HARMFUL IF SWALLOWED.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:
PROLONGED AND REPEATED SKIN CONTACT MAY CAUSE IRRITATION AND POSSIBLY DERMATITIS. REPEATED OR PROLONGED EXPOSURE MAY CAUSE RESPIRATORY SYSTEM DAMAGE. OVEREXPOSURE MAY CAUSE KIDNEY, CARDIOVASCULAR, SKIN AND LIVER DAMAGE.

THIS PRODUCT CONTAINS VINYL ACETATE WHICH IS CLASSIFIED AS A CLASS 2B CARCINOGEN BY IARC. VINYL ACETATE WAS FOUND TO CAUSE CANCER IN THE RESPIRATORY TRACT OF LABORATORY ANIMALS. THERE IS NO EVIDENCE THAT VINYL ACETATE CAUSES CANCER IN HUMANS. THE IARC PUBLISHED A MONOGRAPH ON VINYL ACETATE (1995). IN THIS MONOGRAPH, IARC INDICATES "THERE IS INADEQUATE EVIDENCE IN HUMANS FOR CARCINOGENICITY OF VINYL ACETATE. THERE IS LIMITED EVIDENCE IN EXPERIMENTAL ANIMALS FOR THE CARCINOGENICITY OF VINYL ACETATE." NORMALLY, THIS LACK OF CONCLUSIVE EVIDENCE WOULD PLACE A SUBSTANCE IN THE IARC 3 CLASSIFICATION (NOT CLASSIFIED AS A HUMAN CARCINOGEN). HOWEVER, BECAUSE VINYL ACETATE IS METABOLIZED TO ACETALDEHYDE, WHICH HAS AN IARC 2B (POSSIBLY CARCINOGENIC TO HUMANS) CLASSIFICATION, IT ALSO HAS BEEN LISTED UNDER CATEGORY 2B.

PRIMARY ROUTE(S) OF ENTRY:
SKIN CONTACT, SKIN ABSORPTION, INHALATION, EYE CONTACT

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY EXPOSURE: NONE KNOWN.

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT:
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES UNTIL IRRITATION SUBSIDES. GET MEDICAL ATTENTION IMMEDIATELY.

FIRST AID - SKIN CONTACT:
WASH OFF IMMEDIATELY WITH SOAP AND PLENTY OF WATER. REMOVE AND WASH CONTAMINATED CLOTHING.

FIRST AID - INHALATION:
IF INHALED, REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, LEAVE THE AREA TO OBTAIN FRESH AIR. IF CONTINUED BREATHING DIFFICULTY IS EXPERIENCED, GET MEDICAL ATTENTION IMMEDIATELY.

FIRST AID - INGESTION:
IF SWALLOWED, DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

NOTE TO PHYSICIAN: NO INFORMATION.

COMMENTS:
CALL MEDICAL EMERGENCY AT 1-800-327-3874 IF ANY IRRITATION OR COMPLICATION ARISE FROM ANY OF THE ABOVE ROUTES OF ENTRY.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT, F: GREATER THAN 200 DEGREES FAHRENHEIT
METHOD: (SETA CLOSED CUP)

LOWER EXPLOSIVE LIMIT, %: NOT ESTABLISHED
UPPER EXPLOSIVE LIMIT, %: NOT ESTABLISHED

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS:
NO SPECIAL PROTECTIVE MEASURES AGAINST FIRE REQUIRED.

SPECIAL FIREFIGHTING PROCEDURES:
WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR. USE WATER SPRAY TO COOL EXPOSED SURFACES.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
WEAR PROPER PROTECTIVE EQUIPMENT AS SPECIFIED IN SECTION 8. USE ABSORBENT MATERIAL OR SCRAPE UP DRIED MATERIAL AND PLACE IN CONTAINER.

SECTION 7 - HANDLING AND STORAGE

HANDLING:
KEEP OUT OF REACH OF CHILDREN!
DO NOT TAKE INTERNALLY. USE ONLY WITH ADEQUATE VENTILATION. AVOID BREATHING

VAPOR AND CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. OPEN ALL WINDOWS AND DOORS OR USE OTHER MEANS TO ENSURE CROSS-VENTILATION AND FRESH AIR ENTRY DURING APPLICATION AND DRYING. ODOR IS NOT AN ADEQUATE WARNING FOR HAZARDOUS CONDITIONS.

STORAGE:
CLOSE CONTAINER AFTER EACH USE. STORE CONTAINERS AWAY FROM EXCESSIVE HEAT AND FREEZING. DO NOT STORE AT TEMPERATURES ABOVE 120 DEGREES F. STORE AWAY FROM CAUSTICS AND OXIDIZERS.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONARY MEASURES:
PLEASE REFER TO OTHER SECTIONS AND SUBSECTIONS OF THIS MSDS.

ENGINEERING CONTROLS:
GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS. ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS. LOCAL VENTILATION OF EMISSION SOURCES MAY BE NECESSARY TO MAINTAIN AMBIENT CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS.

RESPIRATORY PROTECTION:
IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT. A NIOSH-APPROVED AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE NECESSARY UNDER CERTAIN CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED EXPOSURE LIMITS. A RESPIRATORY PROTECTION PROGRAM THAT MEETS THE OSHA 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE.

SKIN PROTECTION: RUBBER GLOVES.

EYE PROTECTION: GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE EQUIPMENT: NOT REQUIRED UNDER NORMAL USE.

HYGIENIC PRACTICES:
WASH HANDS BEFORE BREAKS AND AT THE END OF WORKDAY. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE RE-USE.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: NOT ESTABLISHED

VAPOR DENSITY: HEAVIER THAN AIR

ODOR: SLIGHT SOLVENT

ODOR THRESHOLD: NOT ESTABLISHED

APPEARANCE: A WHITE, OFF-WHITE OR COLORED PASTE

EVAPORATION RATE: SLOWER THAN N-BUTYL ACETATE

SOLUBILITY IN H2O: NOT ESTABLISHED

SPECIFIC GRAVITY: 1.285

FREEZE POINT: NOT ESTABLISHED

pH: BETWEEN 7.0 AND 12.0

VAPOR PRESSURE: NOT ESTABLISHED

VISCOSITY: NOT ESTABLISHED

PHYSICAL STATE: PASTE

WHEN REPORTED, VAPOR PRESSURE OF THIS PRODUCT HAS BEEN CALCULATED THEORETICALLY BASED ON ITS CONSTITUENT MAKEUP AND HAS NOT BEEN DETERMINED EXPERIMENTALLY.

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: EXCESSIVE HEAT AND FREEZING.

INCOMPATIBILITY: INCOMPATIBLE WITH STRONG BASES AND OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS:
NORMAL DECOMPOSITION PRODUCTS, I.E., CO₂, NO_x.

HAZARDOUS POLYMERIZATION:
HAZARDOUS POLYMERIZATION WILL NOT OCCUR UNDER NORMAL CONDITIONS.

STABILITY: STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

SECTION 11 - TOXICOLOGICAL INFORMATION

PRODUCT LD50: NOT ESTABLISHED

PRODUCT LC50: NOT ESTABLISHED

CASRN	CHEMICAL NAME	LD50	LC50
108-05-4	VINYL ACETATE		RAT:11400 MG/M3/4H
75-07-0	ACETALDEHYDE		RAT:13300 PPM/4H

CARCINOGENICITY:

CAS NO.	CHEMICAL NAME	AOGIH	OSHA	IARC	NTP
---------	---------------	-------	------	------	-----

13463-67-7	TITANIUM DIOXIDE				CLASSIFICATION NOT POSSIBLE FROM CURRENT DATA.
------------	------------------	--	--	--	--

108-05-4	VINYL ACETATE	CONFIRMED ANIMAL CARCINOGEN WITH UNKNOWN RELEVANCE TO HUMANS.		POSSIBLE CARCINOGEN.	
----------	---------------	---	--	----------------------	--

75-07-0	ACETALDEHYDE	CONFIRMED		POSSIBLE	ANTICIPATED
---------	--------------	-----------	--	----------	-------------

ANIMAL CARCINOGEN WITH UNKNOWN RELEVANCE TO HUMANS.	CARCINOGEN.	CARCINOGEN.
---	-------------	-------------

SIGNIFICANT DATA WITH POSSIBLE RELEVANCE TO HUMANS: NONE

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:
ECOLOGICAL INJURIES ARE NOT KNOWN OR EXPECTED UNDER NORMAL USE.

SECTION 13 - DISPOSAL INFORMATION

DISPOSAL INFORMATION:
DISPOSE OF MATERIAL IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. 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 SECTION 261): NONE

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: NONE

PACKING GROUP: N.A.

DOT TECHNICAL NAME: NONE

HAZARD SUBCLASS: N.A.

DOT HAZARD CLASS: N.A.

DOT UN/NA NUMBER: NONE

SECTION 15 - REGULATORY INFORMATION

CERCLA - SARA HAZARD CATEGORY:
(THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA 'HAZARD CATEGORIES' PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES:
IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD)

SARA SECTION 313:
THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372: NONE

TOXIC SUBSTANCES CONTROL ACT:
ALL INGREDIENTS IN THIS PRODUCT ARE EITHER ON TSCA INVENTORY LIST, OR OTHERWISE EXEMPT.

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF TSCA 12(B) IF EXPORTED FROM THE UNITED STATES:
NONE

U.S. STATE REGULATIONS:

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
NON-HAZARDOUS POLYMER	PROPRIETARY
WATER	7732-18-5

NON-HAZARDOUS PLASTICIZER	PROPRIETARY
---------------------------	-------------

PENNSYLVANIA RIGHT-TO-KNOW:

THE FOLLOWING NON-HAZARDOUS INGREDIENTS ARE PRESENT IN THE PRODUCT AT GREATER THAN 3%:

CHEMICAL NAME	CAS NUMBER
NON-HAZARDOUS POLYMER	PROPRIETARY
WATER	7732-18-5

NON-HAZARDOUS PLASTICIZER	PROPRIETARY
---------------------------	-------------

CALIFORNIA PROPOSITION 65:

WARNING:
THE FOLLOWING INGREDIENTS PRESENT IN THE PRODUCT ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER:

CHEMICAL NAME	CAS NUMBER	DEFINITION	DATE LISTED
ACETALDEHYDE	75-07-0	CARCINOGENIC.	LISTED: APRIL 1, 1988

WARNING:
THE FOLLOWING INGREDIENTS PRESENT IN THE PRODUCT ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.
NONE

SECTION 16 - OTHER INFORMATION

HMS RATINGS:
HEALTH: 1
FLAMMABILITY: 1
REACTIVITY: 0

VOLATILE ORGANIC COMPOUNDS:
GR/LTR: 83.6
LB/GAL: 0.7
WT%: 3.893

REASON FOR REVISION:

LEGEND:

N.A. - NOT APPLICABLE
ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
N.E. - NOT ESTABLISHED
SARA - SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986
N.D. - NOT DETERMINED
NJRIK - NEW JERSEY RIGHT-TO-KNOW LAW
VOC - VOLATILE ORGANIC COMPOUND
OSHA - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PEL - PERMISSIBLE EXPOSURE LIMIT
HMIS - HAZARDOUS MATERIALS IDENTIFICATION SYSTEM
TLV - THRESHOLD LIMIT
VALUE NTP - NATIONAL TOXICOLOGY PROGRAM
STEL - SHORT TERM EXPOSURE LIMIT
CEIL - CEILING EXPOSURE LIMIT
LD50 - LETHAL DOSE 50
LC50 - LETHAL CONCENTRATION 50
F - DEGREE FAHRENHEIT
C - DEGREE CELCIUS
MSDS - MATERIAL SAFETY DATA SHEET
CASRN - THE CHEMICAL ABSTRACTS SERVICE REGISTRY NUMBER

DAP BELIEVES THE DATA AND STATEMENTS CONTAINED HEREIN ARE ACCURATE AS OF THE DATE HEREOF. THEY ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE WITH REGARD TO THE INFORMATION HEREIN PROVIDED OR THE PRODUCT TO WHICH THE INFORMATION REFERS. SINCE THIS DOCUMENT IS INTENDED ONLY AS A GUIDE TO THE APPROPRIATE USE AND PRECAUTIONARY HANDLING OF THE REFERENCED PRODUCT BY A PROPERLY TRAINED PERSON, IT IS THEREFORE THE RESPONSIBILITY OF THE USER TO
(I) REVIEW THE RECOMMENDATIONS WITH DUE CONSIDERATION FOR THE SPECIFIC CONTEXT OF THE INTENDED USE AND
(II) DETERMINE IF THEY ARE APPROPRIATE.