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MSDS

Common Name: GARDZ**Manufacturer:** ZINSSER**MSDS Revision Date:** 12/1/2006**Grainger Item Number(s):** 1TDK6, 1TDK7, 4HFD5, 4HFD6**Manufacturer Model Number(s):**

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MATERIAL SAFETY DATA SHEET

SECTION 1 GENERAL INFORMATION



MANUFACTURER:
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EMERGENCY TELEPHONE:
CHEMTREC: (800) 424-9300

DATE: DECEMBER 1, 2006

PRODUCT NAME: GARDZ

CODES:
02895
02300
02301
02304

SECTION 2 HAZARDOUS INGREDIENTS



HAZARDOUS COMPONENT	CAS#	OSHA PEL	ACGIH TLV
PROPRIETARY NON-HAZARDOUS INGREDIENTS	N/A	N/A	N/A
WATER	7732-18-5	N/A	N/A

SECTION 3 HAZARD IDENTIFICATION



EMERGENCY OVERVIEW:

THIS MATERIAL IS A WATERBASED PRIMER/SEALER. IT IS A NON-FLAMMABLE WHITE FLUID LIQUID WITH A FLASHPOINT GREATER THAN 200 DEG. F.

PRIMARY ROUTES OF EXPOSURE:

SKIN CONTACT
EYE CONTACT

POTENTIAL ACUTE HEALTH EFFECTS:

EYE: AVOID EYE CONTACT. MAY CAUSE EYE IRRITATION.

SKIN: AVOID PROLONGED SKIN CONTACT. MAY CAUSE SKIN IRRITATION.

INGESTION:

NONE KNOWN. INGESTION IS NOT CONSIDERED A SIGNIFICANT ROUTE OF EXPOSURE DURING INTENDED USE.

INHALATION:

NONE KNOWN. INHALATION IS NOT CONSIDERED A SIGNIFICANT ROUTE OF EXPOSURE DURING INTENDED USE.

POTENTIAL CHRONIC HEALTH EFFECTS: NONE KNOWN.

(SEE ALSO SECTIONS 4, 8, AND 11 FOR RELATED INFORMATION)

SECTION 4 FIRST AID MEASURES



EYE CONTACT: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES.

SKIN CONTACT: WASH AFFECTED AREA WELL WITH SOAP AND WATER.

INGESTION:

DO NOT TAKE INTERNALLY. IF SWALLOWED, CALL A PHYSICIAN OR POISON CONTROL CENTER.

INHALATION:

NO SPECIFIC TREATMENT IS NECESSARY SINCE THIS MATERIAL IS NOT LIKELY TO BE HAZARDOUS BY INHALATION. IF EXPOSED TO EXCESSIVE LEVELS OF VAPOR, REMOVE VICTIM TO FRESH AIR AND SEEK MEDICAL ATTENTION IF COUGH OR OTHER SYMPTOMS DEVELOP.

NOTE TO PHYSICIAN:

TREAT SYMPTOMATICALLY. THIS MATERIAL IS BASICALLY NON-TOXIC. A SMALL QUANTITY (APPROXIMATELY ONE-TABLESPOON) IS UNLIKELY TO CAUSE HARM.

SECTION 5 FIRE FIGHTING MEASURES



FLASH POINT (METHOD): >200 DEG. F

FIRE AND EXPLOSION HAZARDS:

THE LIQUID MATERIAL WILL NOT BURN. HOWEVER, THE DRIED PAINT FILM MAY BURN

IN A FIRE.

SECTION 6 ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS:

KEEP UNNECESSARY PEOPLE AWAY. AVOID SKIN CONTACT BY WEARING CHEMICAL PROTECTIVE GLOVES, BOOTS, AND CLOTHING WHEN CLEANING UP SPILLS. AVOID EYE CONTACT BY WEARING SAFETY GLASSES, CHEMICAL SPLASH GOGGLES, OR FULL-FACE SHIELD.

CLEAN UP METHODS:

KEEP UNNECESSARY PEOPLE AWAY. DIKE AND CONTAIN SPILL WITH INERT MATERIAL (SAND, EARTH, ETC.) AND TRANSFER LIQUID TO CONTAINERS FOR RECOVERY OR DISPOSAL. KEEP SPILL OUT OF SEWER AND OPEN BODIES OF WATER. FLOORS MAY BE SLIPPERY; CARE SHOULD BE EXERCISED TO AVOID FALLS.

(SEE ALSO SECTION 8 FOR INFORMATION ON EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT)

SECTION 7 HANDLING AND STORAGE



HANDLING: AVOID CONTACT WITH EYES, SKIN, AND CLOTHING.

STORAGE: KEEP FROM FREEZING. KEEP CONTAINER CLOSED WHEN NOT IN USE.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION



PERSONAL PROTECTIVE EQUIPMENT (PPE):

EYE PROTECTION:

WEAR SAFETY GLASSES, GOGGLES OR FACE SHIELD TO PREVENT EYE AND FACE CONTACT.

SKIN PROTECTION: WEAR GLOVES TO PREVENT PROLONGED SKIN CONTACT.

RESPIRATORY PROTECTION:

NONE REQUIRED UNDER NORMAL, INTENDED USE CONDITIONS. IF VAPOR CONCENTRATIONS EXCEED PERMISSIBLE EXPOSURE LIMITS OR IN AREAS OF POOR VENTILATION WEAR NIOSH APPROVED RESPIRATOR.

PROTECTIVE CLOTHING:

FOR BRIEF CONTACT, NO SPECIAL PRECAUTIONS OTHER THAN CLEAN BODY-COVERING CLOTHING SHOULD BE NEEDED. WHEN PROLONGED OR FREQUENT REPEATED CONTACT WITH THE MATERIAL COULD OCCUR, USE PROTECTIVE CLOTHING THAT IS IMPERVIOUS TO THIS MATERIAL (SUCH AS TYVEK).

GENERAL HYGIENE PRACTICES:

WASH THOROUGHLY AFTER HANDLING. PREVENT EYE CONTACT. AVOID PROLONGED INHALATION AND SKIN CONTACT.

SECTION 9 PHYSICAL DATA



APPEARANCE: WHITE, FLUID LIQUID.

pH: 9

BOILING POINT: N/D

MELTING POINT: N/D

VAPOR PRESSURE: N/D

VAPOR DENSITY: N/D

ODOR THRESHOLD: N/D

VISCOSITY: 100-500 CPS (@ 74 DEG. F)

SOLUBILITY IN WATER: N/D

SPECIFIC GRAVITY (WATER = 1): 1.2

VOC CONTENT: </=100 G/L

SECTION 10 STABILITY AND REACTIVITY



STABILITY: STABLE, NON-REACTIVE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN.

CONDITIONS TO AVOID: NONE KNOWN.

INCOMPATIBILITY: NONE KNOWN.

SECTION 11 TOXICOLOGICAL INFORMATION



CARCINOGENICITY:

THIS MATERIAL IS NOT CONSIDERED A CARCINOGEN BY IARC OR NTP AND IS NOT REGULATED AS A CARCINOGEN BY OSHA.

(SEE ALSO SECTION 15 FOR RELATED INFORMATION)

SECTION 12 ECOLOGICAL INFORMATION



CHEMICAL FATE AND EFFECTS: NO DATA AVAILABLE.

SECTION 13 DISPOSAL CONSIDERATIONS



RCRA HAZARDOUS WASTE: NO

RECOMMENDED WASTE DISPOSAL METHOD:

THIS MATERIAL IS NOT CONSIDERED HAZARDOUS WASTE UNDER FEDERAL HAZARDOUS WASTE REGULATIONS (40CFR 261). HOWEVER, STATE AND LOCAL REQUIREMENTS FOR WASTE DISPOSAL MAY BE MORE RESTRICTIVE OR OTHERWISE DIFFER FROM FEDERAL REGULATIONS. CHEMICAL ADDITIONS, PROCESSING OR OTHERWISE ALTERING THIS MATERIAL MAY RENDER THE WASTE MANAGEMENT INFORMATION PRESENTED IN THIS MSDS INCOMPLETE, INACCURATE OR OTHERWISE INAPPROPRIATE. CONSULT ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS REGARDING THE PROPER DISPOSAL OF THIS MATERIAL.

SECTION 14 TRANSPORTATION INFORMATION



NOT REGULATED BY THE US DEPARTMENT OF TRANSPORTATION (DOT)

SECTION 15 REGULATORY INFORMATION**CERCLA:**

THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT OF 1980 (CERCLA) REQUIRES NOTIFICATION TO THE NATIONAL RESPONSE CENTER FOR RELEASES OF QUANTITIES OF HAZARDOUS SUBSTANCES EQUAL TO OR GREATER THAN THE REPORTABLE QUANTITIES (RQS) IN 40 CFR 302.4 (FOR CERCLA 102).

COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER THE STATUTE ARE:

CHEMICAL NAME	CAS#	MAXIMUM CONCENTRATION (WT. %)
NONE	N/A	N/A

SARA TITLE III, SECTION 311/312:

THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III REQUIRES EMERGENCY PLANNING BASED ON THRESHOLD PLANNING QUANTITIES (TPQS) AND RELEASE REPORTING BASED ON REPORTABLE QUANTITIES (RQS) IN 40 CFR 355 (USED FOR SARA 302, 304, 311 AND 312).

COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER THE STATUTE ARE:

CHEMICAL NAME	CAS#	MAXIMUM CONCENTRATION (WT. %)
NONE	N/A	N/A

SARA TITLE III, SECTION 313:

THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III REQUIRES SUBMISSION OF ANNUAL REPORTS OF RELEASE OF TOXIC CHEMICALS THAT APPEAR IN 40 CFR 372 (FOR SARA 313).

COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER THE STATUTE ARE:

CHEMICAL NAME	CAS#	MAXIMUM CONCENTRATION (WT. %)
NONE	N/A	N/A

TSCA:

THE COMPONENTS OF THIS MIXTURE ARE LISTED IN THE TOXIC SUBSTANCE CONTROL ACT INVENTORY OF CHEMICAL SUBSTANCES. THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS THAT REQUIRE EXPORT NOTIFICATION UNDER SECTION 12(B) OF THE TSCA REGULATION.

SECTION 16 OTHER INFORMATION**LEGEND:**

N/A: NOT APPLICABLE

N/D: NOT DETERMINED

N/E: NOT ESTABLISHED

N/R: NOT REQUIRED

STEL: SHORT TERM EXPOSURE LIMIT

C: OSHA CEILING VALUE

CPS: CENTIPOISE

MG/M3: MILLIGRAMS PER CUBIC METER

MPPCF: MILLION PARTICLES PER CUBIC FOOT OF AIR.

PPM: PARTS PER MILLION

PPB: PARTS PER BILLION

PEL: PERMISSIBLE EXPOSURE LIMIT

TLV: THRESHOLD LIMIT VALUE

TWA: TIME WEIGHTED AVERAGE

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

CPSC: CONSUMER PRODUCT SAFETY COMMISSION

DOT: UNITED STATES DEPARTMENT OF TRANSPORTATION

FHSA: FEDERAL HAZARDOUS SUBSTANCE ACT
OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (US DEPT. OF LABOR)
RCRA: RESOURCE CONSERVATION AND RECOVERY ACT
SARA: SUPERFUND AMENDMENT AND REAUTHORIZATION ACT

SKIN:
THIS SUBSTANCE HAS THE POTENTIAL TO BE ABSORBED SYSTEMICALLY THROUGH THE SKIN.

TSCA: TOXIC SUBSTANCE CONTROL ACT

PREPARED BY:
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DISCLAIMER:
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EST.: ESTIMATED