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MSDS

Common Name: GE012A 12G-CRTRG (0.730 LBS-0.331 KG) SILICONE CONSTRUCTION SEALANT

Manufacturer: MOMENTIVE PERFORMANCE MATERIALS

MSDS Revision Date: 9/4/2007

MSDS Format: No Format Specified

Grainger Item Number(s): 4UG98, 4UH15

Manufacturer Model Number(s):

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MOMENTIVE PERFORMANCE MATERIALS

MATERIAL SAFETY DATA SHEET

VERSION: 1.5

09/04/2007

GE012A 12G-CRTRG (0.730 LBS-0.331 KG) SILICONE CONSTRUCTION SEALANT

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION



MANUFACTURED BY:
WATERFORD PLANT
260 HUDSON RIVER RD
WATERFORD NY 12188

REVISED: 09/04/2007

PREPARER: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS

CHEMTREC: 1-800-424-9300

CHEMICAL FAMILY/USE: SEALANT

FORMULA: MIXTURE

HMIS:

HEALTH 1
FLAMMABILITY 1
REACTIVITY 0

NFPA:

HEALTH 1
FLAMMABILITY 1
REACTIVITY 0

2. HAZARDS IDENTIFICATION



EMERGENCY OVERVIEW:

WARNING!

MAY BE HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN. MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

FORM: SOLID

COLOR: TRANSLUCENT

ODOR: ACETIC ACID

POTENTIAL HEALTH EFFECTS:

INGESTION:

MAY BE HARMFUL IF SWALLOWED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

SKIN:

UNCURED PRODUCT CONTACT WILL IRRITATE LIPS, GUMS AND TONGUE. SKIN IRRITATION IS POSSIBLE AFTER CONTACT WITH THE UNCURED PRODUCT. MAY BE ABSORBED THROUGH SKIN AND PRODUCE EFFECTS AS LISTED UNDER "INGESTION".

INHALATION:

CAUSES MILD RESPIRATORY TRACT IRRITATION. APPLIES IN UNCURED STATE. MAY BE HARMFUL IF INHALED.

EYES: EYE IRRITATION ON CONTACT WITH THE UNCURED PRODUCT.

MEDICAL CONDITIONS AGGRAVATED: PRE-EXISTING SKIN OR RESPIRATORY DISEASES.

SUBCHRONIC (TARGET ORGAN): SKIN; CENTRAL NERVOUS SYSTEM

CHRONIC EFFECTS / CARCINOGENICITY:

THIS PRODUCT OR ONE OF ITS INGREDIENTS PRESENT AT 0.1% OR MORE IS NOT LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN BY NTP, IARC, OR OSHA.

ROUTES OF EXPOSURE: DERMAL; EYES; INHALATION

3. COMPOSITION / INFORMATION ON INGREDIENTS



PRODUCT COMPOSITION

CAS REG NO.

WGT. %

A. HAZARDOUS:

DISTILLATES, PETROLEUM, HYDROTREATED	64742-47-8	10 - 30%
METHYLTRIAACETOXYLSILANE	4253-34-3	1 - 5%
B. NON-HAZARDOUS:		
DIMETHYLPOLYSILOXANE	70131-67-8	60 - 90%
TREATED FILLER	68611-44-9	5 - 10%

4. FIRST AID MEASURES



INGESTION:

DO NOT INDUCE VOMITING. IF VICTIM IS CONSCIOUS, GIVE 1-3 GLASSES OF WATER TO DRINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

SKIN:

TO CLEAN FROM SKIN, REMOVE COMPLETELY WITH A DRY CLOTH OR PAPER TOWEL, BEFORE WASHING WITH DETERGENT AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

INHALATION:

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION USING A BARRIER DEVICE. IF BREATHING IS DIFFICULT GIVE OXYGEN. GET MEDICAL ATTENTION.

EYES:

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

NOTE TO PHYSICIAN: TREATMENT IS SYMPTOMATIC AND SUPPORTIVE.

5. FIRE-FIGHTING MEASURES



FLASH POINT:

>93.3 DEG. C
200 DEG. F

METHOD: ESTIMATED

IGNITION TEMPERATURE: UNKNOWN

FLAMMABLE LIMITS IN AIR - LOWER (%): NOT APPLICABLE
FLAMMABLE LIMITS IN AIR - UPPER (%): NOT APPLICABLE

SENSITIVITY TO MECHANICAL IMPACT: NO

SENSITIVITY TO STATIC DISCHARGE:

SENSITIVITY TO STATIC DISCHARGE IS NOT EXPECTED.

EXTINGUISHING MEDIA: ALL STANDARD EXTINGUISHING AGENTS ARE SUITABLE.

SPECIAL FIRE FIGHTING PROCEDURES:

FIREFIGHTERS MUST WEAR NIOSH/MSHA APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE MASK AND FULL PROTECTIVE CLOTHING.

6. ACCIDENTAL RELEASE MEASURES



ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
WIPE, SCRAPE OR SOAK UP IN AN INERT MATERIAL AND PUT IN A CONTAINER FOR DISPOSAL. WASH WALKING SURFACES WITH DETERGENT AND WATER TO REDUCE SLIPPING HAZARD. WEAR PROPER PROTECTIVE EQUIPMENT AS SPECIFIED IN THE PROTECTIVE EQUIPMENT SECTION.

7. HANDLING AND STORAGE



PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID CONTACT WITH SKIN AND EYES. USE ONLY IN WELL-VENTILATED AREAS. REMOVE CONTACT LENSES BEFORE USING SEALANT. DO NOT HANDLE LENSES UNTIL ALL SEALANT HAS BEEN CLEANED FROM THE FINGERTIPS, NAILS AND CUTICLES. RESIDUAL SEALANT MAY REMAIN ON FINGERS FOR SEVERAL DAYS AND TRANSFER TO LENSES AND CAUSE SEVERE EYE IRRITATION. PRODUCT RELEASES ACETIC ACID DURING APPLICATION AND CURING.

ATTENTION: NOT FOR INJECTION INTO HUMANS.

STORAGE:
STORE AWAY FROM HEAT, SOURCES OF IGNITION, AND INCOMPATIBLES. KEEP OUT OF THE REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



ENGINEERING CONTROLS:
EYEWASH STATIONS; SHOWERS; USE ONLY IN WELL-VENTILATED AREAS.

RESPIRATORY PROTECTION:
IF EXPOSURE LIMITS ARE EXCEEDED OR RESPIRATORY IRRITATION IS EXPERIENCED, NIOSH/MSHA APPROVED RESPIRATORY PROTECTION SHOULD BE WORN. SUPPLIED AIR RESPIRATORS MAY BE REQUIRED FOR NON-ROUTINE OR EMERGENCY SITUATIONS. RESPIRATORY PROTECTION MUST BE PROVIDED IN ACCORDANCE WITH OSHA REGULATIONS (SEE 29 CFR 1910.134).

PROTECTIVE GLOVES: RUBBER GLOVES

EYE AND FACE PROTECTION: SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT:
WEAR SUITABLE PROTECTIVE CLOTHING AND EYE/FACE PROTECTION.

EXPOSURE GUIDELINES:

COMPONENT	CAS RN	SOURCE	VALUE
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ABSENCE OF VALUES INDICATES NONE FOUND

PEL - OSHA PERMISSIBLE EXPOSURE LIMIT
TLV - ACGIH THRESHOLD LIMIT VALUE
TWA - TIME WEIGHTED AVERAGE

OSHA REVOKED THE FINAL RULE LIMITS OF JANUARY 19, 1989 IN RESPONSE TO THE 11TH CIRCUIT COURT OF APPEALS DECISION (AFL-CIO V. OSHA) EFFECTIVE JUNE 30, 1993. SEE 29 CFR 1910.1000 (58 FR 35338).

9. PHYSICAL AND CHEMICAL PROPERTIES



BOILING POINT - C & F: NOT APPLICABLE

VAPOR PRESSURE (20 C) (MMHG): NOT APPLICABLE

VAPOR DENSITY (AIR=1): NOT APPLICABLE

FREEZING POINT: NOT APPLICABLE

MELTING POINT: NOT APPLICABLE

PHYSICAL STATE: SOLID

ODOR: ACETIC ACID

COLOR: TRANSLUCENT

EVAPORATION RATE (BUTYL ACETATE=1): <1

SPECIFIC GRAVITY (WATER=1): CA. 1.04

DENSITY: CA. 1.04 G/CM3

ACID / ALKALINITY (MEQ/G): NOT APPLICABLE

pH: NOT APPLICABLE

VOLATILE ORGANIC CONTENT (VOL): 2.8 %(M)

SOLUBILITY IN WATER (20 C): INSOLUBLE

SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT): TOLUENE

VOC EXCL. H2O & EXEMPTS (G/L): 36

10. STABILITY AND REACTIVITY



STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS:

CARBON DIOXIDE (CO2); CARBON MONOXIDE; SILICON DIOXIDE.; FORMALDEHYDE;
ACETIC ACID; THIS PRODUCT CONTAINS METHYLPOLYSILOXANES WHICH CAN GENERATE
FORMALDEHYDE AT APPROXIMATELY 300 DEGREES FAHRENHEIT (150 DEG. C) AND
ABOVE, IN ATMOSPHERES WHICH CONTAIN OXYGEN. FORMALDEHYDE IS A SKIN AND
RESPIRATORY SENSITIZER, EYE AND THROAT IRRITANT, ACUTE TOXICANT, AND
POTENTIAL CANCER HAZARD. A MSDS FOR FORMALDEHYDE IS AVAILABLE FROM
MOMENTIVE.

INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN.

CONDITIONS TO AVOID: NONE KNOWN.

11. TOXICOLOGICAL INFORMATION



ACUTE ORAL:

REMARKS: UNKNOWN

ACUTE DERMAL:

REMARKS: UNKNOWN

ACUTE INHALATION:

REMARKS: UNKNOWN

OTHER: NONE.

SENSITIZATION: NO DATA AVAILABLE

SKIN IRRITATION: NO DATA AVAILABLE

EYE IRRITATION: NO DATA AVAILABLE

MUTAGENICITY: UNKNOWN

OTHER EFFECTS OF OVEREXPOSURE:

THIS PRODUCT CONTAINS METHYLPOLYSILOXANES WHICH CAN GENERATE FORMALDEHYDE AT APPROXIMATELY 300 DEGREES FAHRENHEIT (150 DEG. C) AND ABOVE, IN ATMOSPHERES WHICH CONTAIN OXYGEN. FORMALDEHYDE IS A SKIN AND RESPIRATORY SENSITIZER, EYE AND THROAT IRRITANT, ACUTE TOXICANT, AND POTENTIAL CANCER HAZARD. A MSDS FOR FORMALDEHYDE IS AVAILABLE FROM MOMENTIVE., ACETIC ACID RELEASED DURING CURING.

12. ECOLOGICAL INFORMATION



ECOTOXICITY: ECOTOXICOLOGICAL DATA FOR THIS PRODUCT IS NOT AVAILABLE.

DISTRIBUTION: NO DATA AVAILABLE

CHEMICAL FATE: NO DATA AVAILABLE

13. DISPOSAL CONSIDERATIONS



DISPOSAL METHOD:

DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

14. TRANSPORT INFORMATION



FURTHER INFORMATION:

THIS PRODUCT IS NOT REGARDED AS DANGEROUS GOODS ACCORDING TO THE NATIONAL AND INTERNATIONAL REGULATIONS ON THE TRANSPORT OF DANGEROUS GOODS.

15. REGULATORY INFORMATION



INVENTORIES:

JAPAN INVENTORY OF EXISTING & NEW CHEMICAL SUBSTANCES (ENCS):
Y (POSITIVE LISTING)

KOREA EXISTING CHEMICALS INVENTORY (KECI): Y (POSITIVE LISTING)

CHINA INVENTORY OF EXISTING CHEMICAL SUBSTANCES: Y (POSITIVE LISTING)

AUSTRALIA INVENTORY OF CHEMICAL SUBSTANCES (AICS): Y (POSITIVE LISTING)

TSCA LIST: Y (POSITIVE LISTING) ON TSCA INVENTORY

EU LIST OF EXISTING CHEMICAL SUBSTANCES: Y (POSITIVE LISTING)

CANADA NDSL INVENTORY: N (NEGATIVE LISTING)

PHILIPPINES INVENTORY OF CHEMICALS AND CHEMICAL SUBSTANCES (PICCS):
N (NEGATIVE LISTING)

CANADA DSL INVENTORY: Q (QUANTITY RESTRICTED)

FOR INVENTORIES THAT ARE MARKED AS QUANTITY RESTRICTED OR SPECIAL CASES,
PLEASE CONTACT MOMENTIVE.

US REGULATORY INFORMATION:

SARA (311, 312) HAZARD CLASS:
ACUTE HEALTH HAZARD
CHRONIC HEALTH HAZARD

SARA (313) CHEMICALS:

CANADIAN REGULATORY INFORMATION:

WHMIS HAZARD CLASS:
D2B: TOXIC MATERIALS
D2A: VERY TOXIC MATERIALS

OTHER:
SCHDLE B/HTSUS: 3214.10 MASTIC BASED ON RUBBER
ECCN: EAR99

CALIFORNIA PROPOSITION 65:
THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS KNOWN TO STATE OF CALIFORNIA TO
CAUSE CANCER, BIRTH, OR ANY OTHER REPRODUCTIVE DEFECTS.

16. OTHER INFORMATION



OTHER:
THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS PRODUCT
SPECIFICATIONS. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE. THE
RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO
BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE
RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE
WHETHER THEY ARE APPROPRIATE.

C = CEILING LIMIT
NEGL = NEGLIGIBLE
EST = ESTIMATED
NF = NONE FOUND
NA = NOT APPLICABLE
UNKN = UNKNOWN
NE = NONE ESTABLISHED
REC = RECOMMENDED
ND = NONE DETERMINED
V = RECOMMENDED BY VENDOR
SKN = SKIN
TS = TRADE SECRET
R = RECOMMENDED
MST = MIST
NT = NOT TESTED
STEL = SHORT TERM EXPOSURE LIMIT
PPM = PARTS PER MILLION
PPB = PARTS PER BILLION
BY-PRODUCT = REACTION BY-PRODUCT

TSCA INVENTORY STATUS NOT REQUIRED UNDER 40 CFR PART 720.30(H-2).

