



**Common Name:** GE5030 SILICONE RUBBER SEALANT

**Manufacturer:** MOMENTIVE PERFORMANCE MATERIALS

**MSDS Revision Date:** 10/4/2011

**Grainger Item Number(s):** 22N759

**Manufacturer Model Number(s):**

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MATERIAL SAFETY DATA SHEET

MOMENTIVE (TM)

GE5030  
SILICONE RUBBER SEALANT

VERSION: 1.5

10/04/2011

## **1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**



MANUFACTURER NAME:

MOMENTIVE PERFORMANCE MATERIAL  
260 HUDSON RIVER RD  
WATERFORD, NY 12188

REVISED: 10/04/2011

PREPARED BY: PRODUCT STEWARDSHIP COMPLIANCE AND STANDARDS

CHEMTREC: 1-800-424-9300

CHEMICAL FAMILY/USE: SILICONE RUBBER

HMIS:  
 HEALTH 1  
 FLAMMABILITY 0  
 REACTIVITY 0

NFPA:  
 HEALTH 1  
 FLAMMABILITY 0  
 REACTIVITY 0

## 2. HAZARDS IDENTIFICATION



### EMERGENCY OVERVIEW:

**WARNING!**

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN. MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

FORM: PASTE

COLOR: BLACK

ODOR: AMMONIA.

### POTENTIAL HEALTH EFFECTS:

#### INGESTION:

MAY CAUSE ABDOMINAL PAIN WITH VOMITING, NAUSEA, DIARRHEA, OR DIZZINESS.

#### SKIN:

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

#### INHALATION:

APPLIES IN UNCURED STATE. MAY ALSO CAUSE OTHER EFFECTS AS LISTED UNDER "INGESTION".

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  
EYE  
ORAL  
SKIN ABSORPTION.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS



PRODUCT COMPOSITION	CAS-NO.	WGT. %
<b>A. HAZARDOUS:</b>		
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE	64742-46-7	1 - 5%
HEXAMETHYLDISILAZANE	999-97-3	1 - 5%
METHYLTRIMETHOXYSILANE	1185-55-3	1 - 5%
<b>B. NON-HAZARDOUS:</b>		
METHOXYPOLYDIMETHYLSILOXANE	68037-58-1	60 - 100%
POLYDIMETHYLSILOXANE	63148-62-9	10 - 30%

TREATED FILLER

68611-44-9 10 - 30%

## 4. FIRST AID MEASURES

INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE A GLASS OF WATER.

SKIN:

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

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 WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

NOTE TO PHYSICIAN: NONE KNOWN.

## 5. FIRE-FIGHTING MEASURES

FLASH POINT: >93 DEG. C; 199 DEG. F

METHOD: ESTIMATED

IGNITION TEMPERATURE: NO DATA AVAILABLE.

FLAMMABLE LIMITS LEL: NOT APPLICABLE  
FLAMMABLE LIMITS UEL: 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 INSERT 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:

AVOID CONTACT WITH SKIN AND EYES. KEEP CONTAINER TIGHTLY CLOSED. REMOVE CONTACT LENSES BEFORE USING SEALANT. DO NOT HANDLE LENSES UNTIL ALL SEALANT HAS BEEN CLEANED FROM THE FINGER AND HANDS. PRODUCT RELEASES METHANOL DURING APPLICATION AND CURING. PRODUCT RELEASES AMMONIA DURING APPLICATION AND CURING.

STORAGE:

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP OUT OF THE REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:**

EYE WASH FACILITIES AND EMERGENCY SHOWER MUST BE AVAILABLE WHEN HANDLING THIS PRODUCT.; VENTILATION AND OTHER FORMS OF ENGINEERING CONTROLS ARE PREFERRED FOR CONTROLLING EXPOSURES. RESPIRATORY PROTECTION MAY BE NEEDED FOR NON-ROUTINE OR EMERGENCY SITUATIONS.

**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 29CFR 1910.134).

PROTECTIVE GLOVES: CLOTH GLOVES.

EYE AND FACE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS

**OTHER PROTECTIVE EQUIPMENT:**

WEAR SUITABLE PROTECTIVE CLOTHING AND EYE/FACE PROTECTION.

**EXPOSURE GUIDELINES:**

COMPONENT	CAS-NO.	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

INTL REL: INTERNAL RECOMMENDED EXPOSURE LIMIT

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 (DEG. C): NOT APPLICABLE

VAPOR PRESSURE: NOT APPLICABLE

FREEZING POINT: NOT APPLICABLE

PHYSICAL STATE: PASTE

ODOR: AMMONIA.

COLOR: BLACK

EVAPORATION RATE (BUTYL ACETATE=1): <1

SPECIFIC GRAVITY: 1.05

DENSITY: CA. 1.048 G/CM3

ACID / ALKALINITY (MEQ/G): NO DATA AVAILABLE.

PH: NOT APPLICABLE

SOLUBILITY IN WATER (20 C): INSOLUBLE

SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT): PARTIAL IN TOLUENE

VOLATILE ORGANIC CONTENT: 2.2 %(M)

VOC EXCL. H2O & EXEMPTS (G/L): 27 G/L

## 10. STABILITY AND REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION.: HAZARDOUS POLYMERIZATION DOES NOT OCCUR.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS:  
CARBON DIOXIDE; AMMONIA.; SILICON DIOXIDE.

INCOMPATIBLE MATERIALS: NONE KNOWN.

CONDITIONS TO AVOID: REACTS WITH WATER LIBERATING SMALL AMOUNTS OF AMMONIA.

## 11. TOXICOLOGICAL INFORMATION

ACUTE ORAL:

REMARKS: NO DATA AVAILABLE.

ACUTE DERMAL:

REMARKS: NO DATA AVAILABLE.

ACUTE INHALATION:

REMARKS: NO DATA AVAILABLE.

OTHER: NONE.

SENSITIZATION: NO DATA AVAILABLE.

SKIN IRRITATION.: NO DATA AVAILABLE.

EYE IRRITATION: NO DATA AVAILABLE.

MUTAGENICITY: NO DATA AVAILABLE.

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.

## 12. ECOLOGICAL INFORMATION

ECOTOXICITY: NO DATA AVAILABLE.

DISTRIBUTION: NO DATA AVAILABLE.

CHEMICAL FATE: NO DATA AVAILABLE.

## 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:

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:

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

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

JAPAN INVENTORY OF EXISTING & NEW CHEMICAL SUBSTANCES (ENCS):  
N (NEGATIVE LISTING)

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

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

CANADA DSL INVENTORY: Y (POSITIVE LISTING)

CANADA NDSL INVENTORY: N (NEGATIVE LISTING)

PHILIPPINES INVENTORY OF CHEMICALS AND CHEMICAL SUBSTANCES (PICCS):  
Y (POSITIVE LISTING)

TSCA LIST: Y (POSITIVE LISTING) LISTED ON TSCA

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

SARA (313) CHEMICALS:

58-36-6 10, 10'-OXYBISPHENOXARSINE.

CALIFORNIA PROPOSITION 65:

WARNING!

THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE  
CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

108-88-3 TOLUENE.

CANADIAN REGULATORY INFORMATION:

WHMIS CLASSIFICATION:

D2A - VERY TOXIC MATERIAL CAUSING OTHER TOXIC EFFECTS  
D2B - TOXIC MATERIAL CAUSING OTHER TOXIC EFFECTS

## 16. OTHER INFORMATION



OTHER

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).

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.