

**M90036 12C
Sealant****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Manufacturer Name: Momentive Performance Materials LLC
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Waterford NY 12188

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Prepared by
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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 cause skin, eye, and respiratory tract irritation. May cause sensitization by inhalation and skin contact. May be harmful if swallowed.

Form: Paste

Form: Yellow

Odor: Mild

POTENTIAL HEALTH EFFECTS**INGESTION**

May be harmful if swallowed. Irritation of the mouth, throat, and stomach.

SKIN

Uncured product contact will irritate lips, gums and tongue.

INHALATION

Applies in uncured state. Irritating to respiratory system. Causes irritation of the mouth, nose, and throat. Avoid inhalation of vapors and spray mists.

EYES

Eye irritation on contact with the uncured product. High vapor concentration will cause irritation.

ROUTES OF EXPOSURE

Eye; Dermal

**M90036 12C
Sealant****3. COMPOSITION/INFORMATION ON INGREDIENTS**

| <u>PRODUCT COMPOSITION</u> | <u>CAS-No.</u> | <u>WGT. %</u> |
|-----------------------------------|----------------|---------------|
| <u>A. HAZARDOUS</u> | | |
| Gamma-Aminopropyltrimethoxysilane | 13822-56-5 | 1 - 5 % |
| Methyltrimethoxysilane | 1185-55-3 | 1 - 5 % |
| BIS(2-PROPYLHEPTYL) PHTHALATE | 53306-54-0 | 30% - 60 % |
| DIBUTYL TINOXIDE | 818-08-6 | 0.1% - 1 % |
| <u>B. NON-HAZARDOUS</u> | | |
| Methoxysilyl capped polyether | 75009-88-0 | 60 - 100 % |
| 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.

**M90036 12C
Sealant****5. FIRE-FIGHTING MEASURES**

FLASH POINT: > 93.33 °C; 200 °F
SENSITIVITY TO MECHANICAL IMPACT: No

SENSITIVITY TO STATIC DISCHARGE
Sensitivity to static discharge is not expected.

EXTINGUISHING MEDIA
Foam., Dry chemical., Carbon Dioxide., Water Spray or Fog.

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
CAUTION! Avoid contact with skin and eyes. Use only in well-ventilated areas. Eye irritation on contact with the uncured product. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the finger and hands.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS
Eye wash facilities and emergency shower must be available when handling this product.

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).

**M90036 12C
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Nitrile rubber.

EYE AND FACE PROTECTION

Safety glasses with side shields; Monogoggles

OTHER PROTECTIVE EQUIPMENT

Wear suitable protective clothing and eye/face protection.

Exposure Guidelines

| Component | CAS-No. | Source | Value |
|------------------|----------------|-----------------|-----------------------------------|
| DIBUTYL TINOXIDE | 818-08-6 | ACGIH, TWA | 0.1 mg/m3 |
| DIBUTYL TINOXIDE | 818-08-6 | ACGIH, STEL | 0.2 mg/m3 |
| DIBUTYL TINOXIDE | 818-08-6 | ACGIH, SKIN_DES | Can be absorbed through the skin. |
| DIBUTYL TINOXIDE | 818-08-6 | OSHA Z1, PEL | 0.1 mg/m3 |

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 (°C): | Not determined. |
| PHYSICAL STATE: | Paste |
| ODOR: | Mild |
| Color: | Yellow |
| SPECIFIC GRAVITY: | 1.04 |
| pH: | Not applicable |
| SOLUBILITY IN WATER (20 C): | Slightly Soluble |
| VOC EXCL. H2O & EXEMPTS (G/L): | 11 g/l |

10. STABILITY AND REACTIVITY**STABILITY**

Stable

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HAZARDOUS POLYMERIZATION.

Hazardous polymerisation does not occur.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS

Carbon oxides;

INCOMPATIBLE MATERIALS

Acids. Oxidizer

11. TOXICOLOGICAL INFORMATION**ACUTE ORAL**

Remarks: No data available.

ACUTE DERMAL

Remarks: No data available.

ACUTE INHALATION

Remarks: No data available.

OTHER

No data available.

SENSITIZATION

No data available.

SKIN IRRITATION.

No data available.

EYE IRRITATION

No data available.

MUTAGENICITY

No data available.

12. ECOLOGICAL INFORMATION**ECOTOXICITY**

No data available.

DISTRIBUTION

No data available.

**M90036 12C
Sealant****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) | n (Negative listing) | |
| Japan Inventory of Existing & New Chemical Substances (ENCS) | n (Negative listing) | |
| China Inventory of Existing Chemical Substances | n (Negative listing) | |
| Korea Existing Chemicals Inventory (KECI) | n (Negative listing) | |
| Canada DSL Inventory | y (positive listing) | |
| Canada NDSL Inventory | n (Negative listing) | |
| Philippines Inventory of Chemicals and Chemical Substances (PICCS) | n (Negative listing) | |
| TSCA list | y (positive listing) | On TSCA Inventory |

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

US Regulatory Information**CERCLA****PRODUCT COMPOSITION**

Chemical

CERCLA Reportable Quantity**SARA (311,312) HAZARD CLASS**

Acute Health Hazard

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CALIFORNIA PROPOSITION 65

Warning! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

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.