

**ADVANTAGE SILICONE CLEAR M60.01/12C/0.730LB-0.331KG  
Acetoxy Sealant****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Manufacturer Name:** Momentive Performance Materials - Waterford  
260 Hudson River Rd  
Waterford NY 12188

**Revised:** 10/29/2012

**Prepared by**  
**CHEMTREC** Product Regulatory Compliance  
1-800-424-9300

**MSDS Contact**  
**Information** 1-888-443-9466  
4information@momentive.com

**Chemical Family/Use:** Sealant

**HMIS**

Health: 1 Flammability: 1 Reactivity: 0

**NFPA**

Health: 1 Flammability: 1 Reactivity: 0

**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

WARNING! Irritating to eyes, respiratory system and skin.

**Form:** Liquid

**Form:** Colorless

**Odor:** Acetic acid.

**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.

**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.

**ADVANTAGE SILICONE CLEAR M60.01/12C/0.730LB-0.331KG  
Acetoxy Sealant****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

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>PRODUCT COMPOSITION</u>	<u>CAS-No.</u>	<u>WGT. %</u>
<b><u>A. HAZARDOUS</u></b>		
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE	64742-46-7	10 - 30 %
Methyltriacetoxysilane	4253-34-3	1 - 5 %
<b><u>B. NON-HAZARDOUS</u></b>		
Treated Filler	68611-44-9	10 - 30 %
dimethylpolysiloxane	70131-67-8	60 - 100 %

**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.

**ADVANTAGE SILICONE CLEAR M60.01/12C/0.730LB-0.331KG  
Acetoxy Sealant****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**

<b>FLASH POINT:</b>	> 93.3 °C; 200 °F
<b>METHOD</b>	Estimated
<b>IGNITION TEMPERATURE:</b>	No data available.
<b>FLAMMABLE LIMITS LEL:</b>	No data available.
<b>FLAMMABLE LIMITS UEL:</b>	No data available.

**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**

Use only in well-ventilated areas. 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 acetic acid during application and curing. Adequate ventilation should be provided so that exposure limits are not exceeded. Avoid inhalation of vapors and

**ADVANTAGE SILICONE CLEAR M60.01/12C/0.730LB-0.331KG  
Acetoxy Sealant**

spray mists.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****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**

<u>Component</u>	<u>CAS-No.</u>	<u>Source</u>	<u>Value</u>
------------------	----------------	---------------	--------------

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**

<b>BOILING POINT (°C):</b>	Not applicable
<b>VAPOR PRESSURE (20 C) (MM HG):</b>	Not applicable
<b>VAPOR DENSITY (AIR=1):</b>	No data available.
<b>FREEZING POINT:</b>	Not applicable
<b>PHYSICAL STATE:</b>	Liquid
<b>ODOR:</b>	Acetic acid.
<b>Color:</b>	Colorless
<b>EVAPORATION RATE (BUTYL ACETATE=1):</b>	No data available.
<b>SPECIFIC GRAVITY:</b>	0.97
<b>DENSITY:</b>	0.973 g/cm <sup>3</sup>

**ADVANTAGE SILICONE CLEAR M60.01/12C/0.730LB-0.331KG  
Acetoxy Sealant**

<b>ACID / ALKALINITY (MEQ/G):</b>	Not applicable
<b>pH:</b>	Not applicable
<b>SOLUBILITY IN WATER (20 C):</b>	Insoluble
<b>SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):</b>	Toluene
<b>VOLATILE ORGANIC CONTENT:</b>	2.2 %(m)
<b>VOC EXCL. H2O &amp; EXEMPTS (G/L):</b>	34 g/l

**10. STABILITY AND REACTIVITY****STABILITY**

Stable

**HAZARDOUS POLYMERIZATION.**

Hazardous polymerisation does not occur.

**HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS**

Carbon dioxide; Formaldehyde.; Acetic acid.; Silicon dioxide.; This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°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.

**INCOMPATIBLE MATERIALS**

None known.

**CONDITIONS TO AVOID**

None known.

**11. TOXICOLOGICAL INFORMATION****ACUTE ORAL**

Remarks: No data available.

**ACUTE DERMAL**

Remarks: No data available.

**ACUTE INHALATION**

Remarks: No data available.

**OTHER**

None.

**ADVANTAGE SILICONE CLEAR M60.01/12C/0.730LB-0.331KG  
Acetoxy Sealant**

---

**SENSITIZATION**

No data available.

**SKIN IRRITATION.**

No data available.

**EYE IRRITATION**

No data available.

**MUTAGENICITY**

No data available.

**OTHER EFFECTS OF OVEREXPOSURE**

Acetic acid released during curing.

**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**

**ADVANTAGE SILICONE CLEAR M60.01/12C/0.730LB-0.331KG  
Acetoxy Sealant**

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)	y (positive listing)	
China Inventory of Existing Chemical Substances	y (positive listing)	
Korea Existing Chemicals Inventory (KECI)	y (positive listing)	
Canada DSL Inventory	q (quantity restricted)	
Canada NDSL Inventory	n (Negative listing)	
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	y (positive 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****SARA (311,312) HAZARD CLASS**

Acute Health Hazard

**CALIFORNIA PROPOSITION 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**Canadian Regulatory Information****WHMIS CLASSIFICATION**

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,



**MATERIAL SAFETY DATA  
SHEET**

Version: 1.9  
10/29/2012

**ADVANTAGE SILICONE CLEAR M60.01/12C/0.730LB-0.331KG  
Acetoxy Sealant**

---

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.