

PENSIL\* 300 - WHITE-02

# SAFETY DATA SHEET

## 1 PRODUCT AND COMPANY IDENTIFICATION

**Product name:** PENSIL\* 300 - WHITE-02

**Recommended use:** Sealant

**Limitations on use:** For industrial use only.

**Manufacturer/Importer/Distributor Information** : Momentive Performance Materials GmbH  
Chempark Leverkusen Gebaeude V7  
DE - 51368 Leverkusen  
Germany

**Contact person** : MomentiveEMEA.productsteward@momentive.com

**Telephone** : General information  
00800.4321.1000 (Customer Service Centre)

**1.4 Emergency telephone number** : Europe, Israel & All other: +44 (0) 1235239670; Middle East:+44 (0) 1235239671

## 2 HAZARDS IDENTIFICATION

**GHS classification:**

The product has not been classified as hazardous according to the legislation in force.

**GHS label elements:**

**Symbol(s):**

**Signal Word:** none

**Hazard Statement(s):** not applicable

**Precautionary Statements**

**Prevention:** not applicable

**Response:** not applicable

**Storage:** not applicable

**Disposal:** not applicable

**Other hazards which do not result in classification:**

**Primary hazards:** No data available.

**Specific hazards:** No data available.

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical nature:** Mixture of polydimethylsiloxanes, fillers and cross-linkers.

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**Substance or Preparation:**

**Mixtures**

**Hazardous ingredients:**

Chemical Identity	CAS number	Concentration*
CALCIUM CARBONATE	1317-65-3	>=40 - <50%
TITANIUM DIOXIDE	13463-67-7	>=1 - <10%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

(1) The respirable particle(s) listed above are inextricably bound within the polymer matrix, and therefore does not present an inhalation hazard during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

**4 FIRST AID MEASURES**

<b>Inhalation:</b>	If inhaled, move victim to fresh air and seek medical attention.
<b>Eye contact:</b>	Rinse the eye with water immediately. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact:</b>	After contact with skin, remove product mechanically. Wash area with soap and water. Get medical attention.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Consult a physician for specific advice.
<b>Likely Acute or Delayed Symptoms/Effects</b>	Treatment is symptomatic and supportive.
<b>Notes to the physician:</b>	Treatment is symptomatic and supportive.

**5 FIRE-FIGHTING MEASURES**

<b>Extinguishing media:</b>	All standard extinguishing agents are suitable.
<b>Unsuitable extinguishing media:</b>	Avoid water in straight hose stream; will scatter and spread fire.
<b>Specific hazard arising from the chemical:</b>	In case of fire, carbon monoxide and carbon dioxide may be formed. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. Reacts with water liberating small amounts of methanol. This material is reactive with water, but the reaction will not significantly increase the fire severity.
<b>Special fire fighting procedures:</b>	Use standard firefighting procedures and consider the hazards of other involved materials. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.
<b>Special protective action for fire fighters:</b>	Wear self-contained breathing apparatus and protective clothing.

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**6 ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures:** Provide adequate ventilation. Use personal protective equipment.
- Environmental Precautions:** Do not allow runoff to sewer, waterway or ground.
- Methods and material for containment and cleaning up:** Wipe, scrape or soak up in an inert material and put in a container for disposal. Wear proper protective equipment as specified in the protective equipment section.
- Notification Procedures:** No data available.

**7 HANDLING AND STORAGE**

- Precautions for safe handling:** Keep away from sources of ignition - No smoking.
- Condition for safe storage, including any incompatibilities:** Store in the low moisture, dark, cool place below 27°C Keep container closed.

**8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Appropriated engineering control measures:** No data available.

**Occupational Exposure Limits:**

Chemical name	Type	Exposure Limit Values	Source
CALCIUM CARBONATE	TWA	10 mg/m3	Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order) (2006)
TITANIUM DIOXIDE	TWA	10 mg/m3	Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order) (2006)

This product contains one or more substances with an occupational exposure limit. However, the respirable particle(s) of this/these substance(s) are inextricably bound within the polymer matrix. Therefore, we do not expect an exposure to this/these substance(s) during normal use of this product. Tooling or machining of the cured product (sanding, cutting, milling) may release hazardous, respirable substances.

**Personal protective equipment (ppe)**

- Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment. Gas mask with organic vapor canister and dust and mist filter.
- Eye Protection:** Safety glasses with side shields
- Hand Protection:** Chemical resistant gloves
- Skin Protection:** Wear suitable protective clothing and eye/face protection.
- Hygiene measures:** Provide adequate ventilation. Observe good industrial hygiene practices. Avoid contact with eyes, skin, and clothing. Wash hands after handling. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance**

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<b>Physical state:</b>	solid
<b>Form:</b>	Paste
<b>Color:</b>	White
<b>Odor:</b>	Sweet
<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	No data available.
<b>Melting Point:</b>	No data available.
<b>Boiling Point:</b>	No data available.
<b>Flash Point:</b>	> 93.3 °C (estimated)
<b>Evaporation Rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Flammability Limit - Upper (%):</b>	No data available.
<b>Flammability Limit - Lower (%):</b>	No data available.
<b>Vapor pressure:</b>	Not applied
<b>Vapor density (air=1):</b>	No data available.
<b>Density:</b>	ca. 1.4 g/cm <sup>3</sup>
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble
<b>Solubility (other):</b>	Insoluble
<b>Partition coefficient (n-octanol/water) Log Pow:</b>	No data available.
<b>Autoignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No decomposition if stored and applied as directed.
<b>SADT:</b>	No data available.
<b>Viscosity, dynamic:</b>	No data available.
<b>Viscosity, kinematic:</b>	> 20.5 mm <sup>2</sup> /s (40 °C)
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.

**10 STABILITY AND REACTIVITY**

<b>Incompatible Materials:</b>	The catalysis of strong acids or bases cause polymerization or decomposition.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerisation does not occur.
<b>Conditions to avoid:</b>	Keep away from moisture. Keep away from heat, sparks and open flame.
<b>Hazardous Decomposition Products:</b>	Carbon oxides Oxides of silicon. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

**11 TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	No data available.

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**Skin Contact:** No data available.

**Eye contact:** No data available.

**Information on toxicological effects**

**Acute toxicity**

**Oral**

**Product:** ATEmix (): 82,291.67 mg/kg

**Specified substance(s)**

CALCIUM CARBONATE No data available.  
TITANIUM DIOXIDE LD 50 (Rat): > 10,000 mg/kg

**Dermal**

**Product:** Not classified for acute toxicity based on available data.

**Specified substance(s)**

CALCIUM CARBONATE No data available.  
TITANIUM DIOXIDE LD 50 (Rabbit): > 10,000 mg/kg

**Inhalation**

**Product:** Not classified for acute toxicity based on available data.

**Specified substance(s)**

CALCIUM CARBONATE No data available.  
TITANIUM DIOXIDE LC50 (Rat, 4 h): > 6.8 mg/l

**Repeated dose toxicity**

**Product:** No data available.

**Specified substance(s)**

CALCIUM CARBONATE No data available.  
TITANIUM DIOXIDE No data available.

**Skin Corrosion/Irritation:**

**Product:** No data available.

**Specified substance(s)**

CALCIUM CARBONATE No data available.  
TITANIUM DIOXIDE No data available.

**Serious Eye Damage/Eye**

**Irritation:**

**Product:** No data available.

**Specified substance(s)**

CALCIUM CARBONATE No data available.  
TITANIUM DIOXIDE No eye irritation

**Respiratory or Skin**

**Sensitization:**

**Product:** No data available.

**Specified substance(s)**

CALCIUM CARBONATE No data available.  
TITANIUM DIOXIDE negative

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**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**Specified substance(s)**

CALCIUM CARBONATE No data available.  
 TITANIUM DIOXIDE No data available.

**In vivo**

**Product:** No data available.

**Specified substance(s)**

CALCIUM No data available.  
 CARBONATE  
 CALCIUM CARBONATE  
 CARBONATE  
 TITANIUM DIOXIDE  
 TITANIUM DIOXIDE No data available.  
 DIOXIDE

**Carcinogenicity**

**Product:** No data available.

**Specified substance(s)**

CALCIUM CARBONATE No data available.  
 TITANIUM DIOXIDE No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specified substance(s)**

CALCIUM CARBONATE No data available.  
 TITANIUM DIOXIDE No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specified substance(s)**

CALCIUM CARBONATE No data available.  
 TITANIUM DIOXIDE No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Specified substance(s)**

CALCIUM CARBONATE No data available.  
 TITANIUM DIOXIDE No data available.

**Aspiration Hazard**

**Product:** No data available.

**Specified substance(s)**

CALCIUM CARBONATE No data available.  
 TITANIUM DIOXIDE No data available.

**Metabolism:** No data available.

**Other effects:** No data available.

<b>12 ECOLOGICAL INFORMATION</b>
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**General information:** not applicable

**Ecotoxicity**

**Acute toxicity**

**Fish**

**Product:** No data available.

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<b>Specified substance(s):</b> CALCIUM CARBONATE TITANIUM DIOXIDE	No data available. LC0 (Leuciscus idus, 48 h): > 1,000 mg/l
<b>Aquatic Invertebrates</b>	
<b>Product:</b>	No data available.
<b>Specified substance(s):</b> CALCIUM CARBONATE TITANIUM DIOXIDE	No data available. No data available.
<b>Chronic Toxicity</b>	
<b>Fish</b>	
<b>Product:</b>	No data available.
<b>Specified substance(s):</b> CALCIUM CARBONATE TITANIUM DIOXIDE	No data available. No data available.
<b>Aquatic Invertebrates</b>	
<b>Product:</b>	No data available.
<b>Specified substance(s):</b> CALCIUM CARBONATE TITANIUM DIOXIDE	No data available. No data available.
<b>Toxicity to Aquatic Plants</b>	
<b>Product:</b>	No data available.
<b>Specified substance(s):</b> CALCIUM CARBONATE TITANIUM DIOXIDE	No data available. No data available.
<b>Persistence and Degradability</b>	
<b>Biodegradation</b>	
<b>Product:</b>	No data available.
<b>Specified substance(s):</b> CALCIUM CARBONATE TITANIUM DIOXIDE	No data available. 0 %
<b>BOD/COD Ratio</b>	
<b>Product:</b>	No data available.
<b>Specified substance(s):</b> CALCIUM CARBONATE TITANIUM DIOXIDE	No data available. No data available.
<b>Bioaccumulative potential</b>	
<b>Product:</b>	No data available.
<b>Specified substance(s):</b> CALCIUM CARBONATE TITANIUM DIOXIDE	No data available. No data available.
<b>Mobility in soil:</b>	No data available.
<b>Known or predicted distribution to environmental compartments</b>	
CALCIUM CARBONATE TITANIUM DIOXIDE	No data available. No data available.
<b>Results of PBT and vPvB assessment:</b>	No data available.

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CALCIUM CARBONATE  
 TITANIUM DIOXIDE

No data available.  
 No data available.

**Other adverse effects:** No data available.

**13 Disposal considerations**

**General information:** Do not discharge into drains, water courses or onto the ground. See Section 8 for information on appropriate personal protective equipment.

**Disposal methods:** Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

The generation of waste should be avoided or minimized wherever possible. The hazard and precautionary statements displayed on the label also apply to any residues left in the container.

**14 TRANSPORT INFORMATION**

**ADR/RID**  
 Not regulated.

**IMDG - International Maritime Dangerous Goods Code**  
 Not regulated.

**IATA**  
 Not regulated.

**Special precautions for user:** This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods. Protect from moisture. Keep away from food, foodstuff, acids and bases. keep away from odour sensitive materials

**15 REGULATORY INFORMATION**

**Applicable regulations:** Singapore. PELs. (Workplace Safety and Health (Permissible Exposure Levels of Toxic Substances) Order)

**16 OTHER INFORMATION**

**Inventory Status**

Australia AICS:	y (positive listing)	Remarks: None.
Canada DSL Inventory List:	y (positive listing)	Remarks: None.
EU EINECS List:	y (positive listing)	Remarks: None.
Japan (ENCS) List:	q (quantity restricted)	Remarks: None.
China Inv. Existing Chemical Substances:	y (positive listing)	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	y (positive listing)	Remarks: None.
Canada NDSL Inventory:	n (Negative listing)	Remarks: None.
Philippines PICCS:	y (positive listing)	Remarks: None.
US TSCA Inventory:	y (positive listing)	Remarks: None.
New Zealand Inventory of Chemicals:	y (positive listing)	Remarks: None.
Taiwan Chemical Substance Inventory:	y (positive listing)	Remarks: None.



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**Revision Information:** ARGHS\_SG  
**Issue Date:** 2017/11/02  
**Disclaimer:**

**Notice to reader**

Unless otherwise specified in section 1.2, Momentive Products are intended for industrial application only.

They are not intended for specific medical applications, neither for long-lasting (> 30 days) implantation into the human body, injected or directly ingested, nor for the manufacture of multiple usable contraceptives.

**Further Information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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