

TIG400BX

# SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name: TIG400BX

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Industrial use

Uses advised against: Not known.

### 1.3 Details of the supplier of the safety data sheet

**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

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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

**Classification according to Regulation (EC) No 1272/2008 as amended.**

Not classified

**2.2 Label Elements** : Not applicable  
**Additional Information:** No data available.

**2.3 Other hazards** : No data available.

## SECTION 3: Composition/information on ingredients

**Chemical nature:** Grease

### 3.2 Mixtures

**General information:** No hazardous ingredients.

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**SECTION 4: First aid measures**

**General:** Move into fresh air and keep at rest. Get medical attention if symptoms occur. Treat symptomatically.

**4.1 Description of first aid measures**

**Inhalation:** Move into fresh air and keep at rest. Get medical attention if symptoms occur.

**Eye contact:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.

**Skin Contact:** After contact with skin, remove product mechanically. Wash area with soap and water.

**Ingestion:** If swallowed, do NOT induce vomiting. Give a glass of water. Get medical attention if symptoms occur.

**4.2 Most important symptoms and effects, both acute and delayed:** None known.

**4.3 Indication of any immediate medical attention and special treatment needed**

**Hazards:** No information about adverse effects due to exposure.

**Treatment:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. If swallowed, do NOT induce vomiting. Give a glass of water.

**SECTION 5: Firefighting measures**

**General Fire Hazards:** Use standard firefighting procedures and consider the hazards of other involved materials.

**5.1 Extinguishing media**

**Suitable extinguishing media:** All standard extinguishing agents are suitable.

**Unsuitable extinguishing media:** Avoid water in straight hose stream; will scatter and spread fire.

**5.2 Special hazards arising from the substance or mixture:** In case of fire, carbon monoxide and carbon dioxide may be formed.

**5.3 Advice for firefighters**

**Special fire fighting procedures:** Keep away from sources of ignition - No smoking. Use only in well-ventilated areas.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Handle and open container with care. Do not taste or swallow. Caution: Contaminated surfaces may be slippery.

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- 6.2 Environmental Precautions:** Do not allow runoff to sewer, waterway or ground.
- 6.3 Methods and material for containment and cleaning up:** Shovel up and place in a container for salvage or disposal.
- 6.4 Reference to other sections:** Remove sources of ignition. Caution: Contaminated surfaces may be slippery. Prevent entry into waterways, sewer, basements or confined areas.

**SECTION 7: Handling and storage:**

- 7.1 Precautions for safe handling:** Use only in well-ventilated areas. Wear appropriate personal protective equipment.
- Storage conditions:** Keep away from sources of ignition - No smoking. Keep container tightly closed. Store in original container. Keep away from heat, sparks and open flame.
- 7.2 Conditions for safe storage, including any incompatibilities:** Keep container tightly closed and in a well-ventilated place.
- Storage Stability:** Material is stable under normal conditions.
- 7.3 Specific end use(s):** No data available.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control Parameters  
 Occupational Exposure Limits**

Chemical name	Type	Exposure Limit Values	Source
Aluminum oxide - Inhalable dust.	TWA	10 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)
Aluminum oxide - Respirable dust.	TWA	4 mg/m3	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)

**Biological Limit Values**

None.

**8.2 Exposure controls**

**Appropriate Engineering Controls:** Eye washes and showers for emergency use.

**Individual protection measures, such as personal protective equipment**

**General information:** Use only in well-ventilated areas. Do not eat, drink or smoke when using the product.

**Eye/face protection:** Safety glasses with side-shields conforming to EN166

**Skin protection**

**Hand Protection:** Advice: There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries.

**Other:** Chemical resistant clothing Long sleeves

**Respiratory Protection:** No protection is ordinarily required under normal conditions of use and with adequate ventilation.

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**Hygiene measures:** Wash hands after handling. When using do not eat, drink or smoke. Avoid contact with eyes, skin, and clothing.

**Environmental exposure controls:** No data available.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Appearance**

<b>Physical state:</b>	solid
<b>Form:</b>	Paste
<b>Color:</b>	Gray
<b>Odor:</b>	Faint
<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>	350 °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>	No data available.
<b>Vapor density (air=1):</b>	No data available.
<b>Density:</b>	3,18 g/cm <sup>3</sup> (23 °C)
<b>Relative density:</b>	No data available.
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	No data available.
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water) Log Pow:</b>	No data available.
<b>Autoignition Temperature:</b>	450 °C
<b>Decomposition Temperature:</b>	No decomposition if stored and applied as directed.
<b>SADT:</b>	No data available.
<b>Viscosity, dynamic:</b>	350.000 mPa·s (23 °C)
<b>Viscosity, kinematic:</b>	No data available.
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.

**SECTION 10: Stability and reactivity**

<b>10.1 Reactivity:</b>	No data available.
<b>10.2 Chemical Stability:</b>	Material is stable under normal conditions.
<b>10.3 Possibility of hazardous reactions:</b>	Hazardous polymerisation does not occur.
<b>10.4 Conditions to avoid:</b>	Heat, sparks, flames.
<b>10.5 Incompatible Materials:</b>	Strong Acids, Strong Bases

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**10.6 Hazardous Decomposition Products:** Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

**SECTION 11: Toxicological information**

**General information:** Experience has shown, that the above mentioned product can be used without any danger to health, as long as the usual conditions of industrial hygiene are observed.

**Information on likely routes of exposure**

**Inhalation:** No data available.

**Ingestion:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**11.1 Information on toxicological effects**

**Acute toxicity**

**Oral**

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

**Specified substance(s)**

**Dermal**

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

**Specified substance(s)**

**Inhalation**

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

**Specified substance(s)**

**Repeated dose toxicity**

**Product:** No data available.

**Specified substance(s)**

**Skin Corrosion/Irritation:**

**Product:** No data available.

**Specified substance(s)**

**Serious Eye Damage/Eye Irritation:**

**Product:** No data available.

**Specified substance(s)**

**Respiratory or Skin**

**Sensitization:**

**Product:** No data available.

**Specified substance(s)**

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

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**Carcinogenicity**  
Product: No data available.

**Reproductive toxicity**  
Product: No data available.

**Specific Target Organ Toxicity - Single Exposure**  
Product: No data available.

**Specific Target Organ Toxicity - Repeated Exposure**  
Product: No data available.

**Aspiration Hazard**  
Product: No data available.

**Other effects:** No data available.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Acute toxicity**

**Fish**  
Product: No data available.

**Aquatic Invertebrates**  
Product: No data available.

**Chronic Toxicity**

**Fish**  
Product: No data available.

**Aquatic Invertebrates**  
Product: No data available.

**Toxicity to Aquatic Plants**  
Product: No data available.

**12.2 Persistence and Degradability**

**Biodegradation**  
Product: No data available.

**BOD/COD Ratio**  
Product: No data available.

**12.3 Bioaccumulative potential**

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**Product:** No data available.

**12.4 Mobility in soil:** No data available.  
**Known or predicted distribution to environmental compartments**

**12.5 Results of PBT and vPvB assessment:** No data available.

**12.6 Other adverse effects:** Ecotoxicological data for this product is not available.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**General information:** The generation of waste should be avoided or minimized wherever possible. See Section 8 for information on appropriate personal protective equipment. Do not discharge into drains, water courses or onto the ground.

**Disposal methods:** Can be incinerated when in compliance with local regulations.

**SECTION 14: Transport information**

**ADR**

Not regulated.

**ADN**

Not regulated.

**RID**

Not regulated.

**IMDG**

Not regulated.

**IATA**

Not regulated.

**14.6 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. Keep away from food, drink and animal feeding stuffs.

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:**

Not applicable

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**EU Regulations**

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**Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer:** none

**Regulation (EC) No. 850/2004 on persistent organic pollutants:** none

**Regulation (EC) No. 649/2012 Import and export of dangerous chemicals:** none

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended:** none

**EU. REACH Candidate List of Substances of Very High Concern for Authorization (SVHC):** none

**Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:** none

**Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.:** none

**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.:** none

**Directive 96/82/EC (Seveso III): on the control of major accident hazards involving dangerous substances:** none

**EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants:**

Chemical name	CAS-No.	Concentration
Aluminum oxide	1344-28-1	90 - 100%

**Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:** none

**15.2 Chemical safety assessment:**

No Chemical Safety Assessment has been carried out.

**Inventory Status**

Australia AICS:	Not in compliance with the inventory.	Remarks: None.
Canada DSL Inventory List:	Not in compliance with the inventory.	Remarks: None.
EINECS, ELINCS or NLP:	On or in compliance with the inventory	Remarks: None.
Japan (ENCS) List:	Not in compliance with the inventory.	Remarks: None.
China Inv. Existing Chemical Substances:	Please contact your supplier for further information on the inventory status of this material.	Remarks: (Quantity restricted)
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.	Remarks: None.
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
Philippines PICCS:	Not in compliance with the inventory.	Remarks: None.
US TSCA Inventory:	Q (quantity restricted)	Remarks: None.
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.

**SECTION 16: Other information**



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**Revision Information:** Not relevant.  
**Key literature references and sources for data:** No data available.  
**Wording of the H-statements in section 2 and 3:** none  
**Training information:** No data available.  
**Issue Date:** 12.08.2018  
**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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