

SAFETY DATA SHEET

Product Name: TEMPCO CML00020 BNS Anti-Seize Paste

Section 1. Identification

Product identifier: CML00020 / WELD-R-WHITE 4 oz, no label

Other means of identification, Synonyms: Boron Nitride in Water Suspension

Recommended use and restriction on use

Recommended use: For industrial use only.

Restrictions on use: Not known.

**Manufacturer/Importer:
/Distributor Information** Momentive Performance Materials - Strongsville
22557 West Lunn Road
STRONGSVILLE OH 44149

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Section 2. Hazard(s) identification

Hazard Classification: Not classified.

Label Elements

Hazard Symbol: No symbol

Signal word: No signal word.

Hazard statement: not applicable

Precautionary statements: Not applicable

**Other hazards which do not result
in GHS classification:** None

Section 3. Composition/information on ingredients

Mixtures

Composition Comments: The components are not hazardous or are below required disclosure limits.

Section 4. First aid measures

| | |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General information: | No action shall be taken involving any personal risk or without suitable training. Pay attention to self-protection. Consult a physician for specific advice. |
| Ingestion: | Do NOT induce vomiting. Rinse mouth with water. Get medical attention. Do not give victim anything to drink if he is unconscious. |
| Inhalation: | Move the exposed person to fresh air at once. Get medical attention if symptoms persist. |
| Skin Contact: | Wash area with soap and water. Get medical attention if symptoms persist. |
| Eye contact: | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if symptoms persist. |

Most important symptoms/effects, acute and delayed

Symptoms: There is no specific antidote. Treatment is symptomatic and supportive.

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Treatment is symptomatic and supportive.

Section 5. Fire-fighting measures

General Fire Hazards: Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

Suitable (and unsuitable) 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.

Specific hazards arising from the chemical: No data available.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin and eyes. Keep out of reach of children. Keep upwind. Keep unprotected persons away. Caution: Contaminated surfaces may be slippery. See Section 8 of the SDS for Personal Protective Equipment.

Methods and material for containment and cleaning up:

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.

Environmental Precautions:

Do not allow runoff to sewer, waterway or ground.

Section 7. Handling and storage

Precautions for safe handling:

Sensitivity to static discharge is not expected. Do not get in eyes, on skin, on clothing. Do not taste or swallow. Use only in well-ventilated areas. Wear appropriate personal protective equipment.

Conditions for safe storage, including any incompatibilities:

Keep in a ventilated and dry location, avoid moisture under any circumstances. Keep container tightly closed.

Section 8. Exposure controls/personal protection

Control Parameters Occupational Exposure Limits:

None of the components have assigned exposure limits.

Appropriate 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.

Individual protection measures, such as personal protective equipment

General information:

No data available.

Eye/face protection: Skin Protection

Safety glasses with side shields

Hand Protection:

Chemical resistant gloves

Other:

Wear suitable protective clothing and eye/face 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).

Hygiene measures:

No data available.

Section 9. Physical and chemical properties

Appearance

Physical state:

Liquid

Form:

Liquid

Color:

White

Odor:

Odorless/Odorless

| | |
|-----------------------------------|--------------------|
| Odor threshold: | No data available. |
| pH: | No data available. |
| Melting point: | ca. 0°C (32°F) |
| Boiling point: | ca. 100°C (212°F) |
| Flash point: | Does not flash |
| Evaporation rate: | < 1 |
| Flammability (solid, gas): | No data available |

Upper/Lower limit on flammability or explosive limits

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|----------------------------------------|--------------------|
| Flammability limit - upper (%): | No data available. |
| Flammability limit - lower (%): | No data available. |
| Explosive limit - upper (%): | No data available. |
| Explosive limit - lower (%): | No data available. |
| Heat of combustion: | No data available. |

| | |
|------------------------|-------------------|
| Vapor pressure: | Similar to water. |
| Vapor density: | Not applicable. |

| | |
|--------------------------|--------------------|
| Density: | No data available. |
| Relative density: | No data available. |

Solubility(ies)

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|-----------------------------|--------------------|
| Solubility in water: | Partly soluble |
| Solubility (other): | No data available. |

Partition coefficient

| | |
|-----------------------------------|--------------------|
| (n-octanol/water) Log Pow: | No data available. |
| Auto-ignition temperature: | No data available. |
| Decomposition temperature: | No data available. |
| SADT: | No data available. |
| Viscosity, dynamic: | No data available. |
| Viscosity, kinematic: | No data available. |
| VOC: | No data available. |

Section 10. Stability and reactivity

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|--------------------------------------------|-------------------------------------------------|
| Reactivity: | No dangerous reaction if used as recommended. |
| Chemical Stability: | Material is stable under normal conditions. |
| Possibility of hazardous reactions: | Hazardous polymerization does not occur. |
| Conditions to avoid: | None known. |
| Incompatible Materials: | Strong oxidizing agents. Strong reducing agent. |

Hazardous Decomposition Products:

After evaporation of water, combustion will generate: Oxides of boron. Carbon oxides Carbon monoxide is highly toxic if inhaled; carbon dioxide insufficient concentrations can act as an asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. Nitrogen Oxides

Section 11. Toxicological information

Information on likely routes of exposure

Ingestion: No data available.
Inhalation: No data available.
Skin Contact: No data available.
Eye contact: No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion: No data available.
Inhalation: No data available.
Skin Contact: No data available.
Eye contact: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral Product: Not classified for acute toxicity based on available data.
Dermal Product: Not classified for acute toxicity based on available data.
Inhalation Product: Not classified for acute toxicity based on available data.
Repeated dose toxicity Product: No data available.
Skin Corrosion/Irritation Product: No data available.
Serious Eye Damage/Eye Irritation Product: No data available.

Respiratory or Skin Sensitization

Product: No data available.
Carcinogenicity Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ Cell Mutagenicity

| | |
|---------------------------------------|--------------------|
| In vitro Product: | No data available. |
| In vivo 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

Ecotoxicity:**Acute hazards to the aquatic environment:**

| | |
|---------------------------------------|--------------------|
| Fish Product: | No data available. |
| Aquatic Invertebrates Product: | No data available. |

Chronic hazards to the aquatic environment:

| | |
|---------------------------------------|--------------------|
| Fish Product: | No data available. |
| Aquatic Invertebrates Product: | No data available. |
| Toxicity to Aquatic Plants | |
| Product: | No data available. |

Persistence and Degradability

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|--------------------------------|--------------------|
| Biodegradation Product: | No data available. |
| BOD/COD Ratio Product: | No data available. |

Bioaccumulative potential

| | |
|----------------------------------------|--------------------|
| Bioconcentration Factor (BCF) | |
| Product: | No data available. |
| Partition Coefficient n-octanol | |
| / water (log Kow) Product: | No data available. |
| Mobility in soil: | No data available. |
| Other adverse effects: | No data available. |

Section 13. Disposal considerations

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|--------------------------------|----------------------------------------------------------------------------------|
| Disposal instructions: | Disposal should be made in accordance with federal, state and local regulations. |
| Contaminated Packaging: | Dispose of as unused product. |

Section 14. Transport information

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|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| DOT: | Not regulated. |
| IMDG: | 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. |

15. Regulatory information

US Federal Regulations

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

None present or none present in regulated quantities.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

| | |
|-------------------------------------------------|-------------------------------------------------------|
| Hazard categories: | No SARA Hazards |
| SARA 302 Extremely Hazardous Substance: | None present or none present in regulated quantities. |
| SARA 304 Emergency Release Notification: | None present or none present in regulated quantities. |
| SARA 311/312 Hazardous Chemical: | None present or none present in regulated quantities. |
| SARA 313 (TRI Reporting): | None present or none present in regulated quantities. |

**Clean Water Act Section 311
Hazardous Substances
(40 CFR 117.3):**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r)
Accidental Release Prevention
(40 CFR 68.130):**

None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65:

No ingredient regulated by CA Prop 65 present.

**US. New Jersey Worker and
Community Right-to-Know Act
Chemical Identity:**

Water, Boron nitride (44% as Boron) Amine Coated
Bentonite

US. Massachusetts RTK -

No ingredient regulated by MA Right-to-Know Law
present.

Substance List:

US. Pennsylvania RTK -

No ingredient regulated by PA Right-to-Know Law
present.

Hazardous Substances:

US. Rhode Island RTK:

No ingredient regulated by RI Right-to-Know Law
present.

Inventory Status:

| | | |
|-------------------------------------------------------------|----------------------|----------------|
| Australia AICS: | y (positive listing) | Remarks: None. |
| EU EINECS List: | y (positive listing) | Remarks: None. |
| Japan (ENCS) List: | y (positive listing) | Remarks: None. |
| China Inventory of Existing Chemical Substances: | y (positive listing) | Remarks: None. |
| Korea Existing Chemicals Inv. (KECI): | y (positive listing) | Remarks: None. |
| Canada DSL Inventory List: | 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. Taiwan inventory (CSNN): | n (Negative listing) | Remarks: None. |

Section 16. Other information

Hazardous Material Information System (HMIS) Hazard ID :

Health - 1

Flammability - 0

Physical hazards - 0

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible;

*Chronic health effect

Issue Date: 7/13/2017

Revision Date: No data available.

Version #: 2.0

Further Information: No data available

Notice to reader

Unless otherwise specified in section 1.2.1, 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. ®,*, and TM indicate trademarks owned by or licensed to Momentive.