

# SAFETY DATA SHEET

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TEMPCO ELECTRIC HEATER CORP.  
607 N. CENTRAL AVE.  
WOOD DALE, IL 60191

**Product Name:** TEMPCO CML00010 BNS Anti-Seize Spray

## Section 1. Product and company identification

**Product name:** CML00010 / Paint BN Spray Paint II  
**Chemical name:** Boron Nitride Powder in Hydrocarbon Solvents and Carriers

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

**Contact person:** [4information@momentive.com](mailto:4information@momentive.com)

**Telephone:** General information +1-800-295-2392

**Emergency telephone number Supplier:** CHEMTREC 1-800-424-9300

## Section 2. Hazards identification

**Classification of the substance or mixture:** FLAMMABLE GASES - Category 1  
GASES UNDER PRESSURE - Compressed gas  
SKIN CORROSION/IRRITATION - Category 2  
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A  
GERM CELL MUTAGENICITY - Category 1B  
CARCINOGENICITY - Category 1B  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Respiratory tract irritation, Narcotic effects] - Category 3  
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1

### GHS label elements

**Hazard pictograms:**



**Signal word:**

Danger

**Hazard statements:**

H220 Extremely flammable gas.  
H280 Contains gas under pressure; may explode if heated.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H340 May cause genetic defects.  
H350 May cause cancer.  
H335 H336 May cause respiratory irritation.  
May cause drowsiness and dizziness.  
H372 Causes damage to organs through prolonged or repeated exposure.

**Precautionary statements**

<b>General:</b>	Not applicable.
<b>Prevention:</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Do not breathe gas. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
<b>Response:</b>	Get medical attention if you feel unwell.
<b>If inhaled:</b>	If exposed or concerned: Get medical attention. Remove victim to fresh air and keep at rest in a position comfortable for breathing.
<b>If on skin:</b>	Call a POISON CENTER or physician if you feel unwell. Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.
<b>If in eyes:</b>	If skin irritation occurs: Get medical attention. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Leaking gas fire: Do not extinguish, unless leak can be stopped safely. Eliminate all ignition sources if safe to do so.
<b>Storage:</b>	Store locked up. P410 Protect from sunlight. P403 Store in a well-ventilated place.
<b>Disposal:</b>	P501 Dispose of contents and container in accordance with all local, regional, national and international regulations.
<b>Other hazards which do not result in classification</b>	None known.

**Section 3. Composition/information on ingredients**

<b>Substance/mixture:</b>	Mixture	
<b>Chemical name:</b>	Not available	
<b><u>Hazardous ingredients</u></b>	<b><u>% by weight</u></b>	<b><u>CAS number</u></b>
Liquefied petroleum gas	30 – 50	68476-85-7
Ethanol	30 – 50	64-17-5
Acetone	10 – 30	67-64-1
Quaternary ammonium compounds, benzyl (hydrogenated tallow alkyl)dimethyl, chlorides, compds. with bentonite	1 – 5	71011-24-0

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

## **Section 4. First aid measures**

### **Description of necessary first aid measures**

<b>Eye contact:</b>	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
<b>Inhalation:</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Skin contact:</b>	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. To avoid the risk of static discharges and gas ignition, soak contaminated clothing thoroughly with water before removing it. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
<b>Ingestion:</b>	As this product is a gas, refer to the inhalation section.

### **Indication of immediate medical attention and special treatment needed, if necessary**

<b>Notes to physician:</b>	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
<b>Specific treatments:</b>	No specific treatment.
<b>Protection of first aid personnel:</b>	No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

## **Section 5. Fire-fighting measures**

### **Extinguishing media**

<b>Suitable extinguishing media:</b>	Use dry chemical, CO <sub>2</sub> , alcohol-resistant foam or water spray (fog).
<b>Unsuitable extinguishing media:</b>	water jet
<b>Specific hazards arising from the chemical:</b>	Contains gas under pressure. Extremely flammable gas. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

**Hazardous thermal:  
decomposition products**

Decomposition products may include the following materials:

Nitrogen oxides  
Oxides of boron  
Carbon oxides  
Carbon monoxide

**Special protective actions for fire-fighters:**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Contact supplier immediately for specialist advice. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. If involved in fire, shut off flow immediately if it can be done without risk. If this is impossible, withdraw from area and allow fire to burn. Fight fire from protected location or maximum possible distance. Eliminate all ignition sources if safe to do so. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

**Special protective equipment for fire-fighters:**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Section 6. Accidental release measures****Personal precautions, protective equipment and emergency procedures****For non-emergency personnel:**

Accidental releases pose a serious fire or explosion hazard. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing gas. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**For emergency responders:**

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

**Environmental precautions:**

Ensure emergency procedures to deal with accidental gas releases are in place to avoid contamination of the environment. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and materials for containment and cleaning up****Small spill:**

Immediately contact emergency personnel. Stop leak if without risk. Use spark-proof tools and explosion-proof equipment. Note: see section 1 of SDS for emergency contact information and section 13 of SDS for waste disposal.

**Large spill:**

Immediately contact emergency personnel. Stop leak if without risk. Use spark-proof tools and explosion-proof equipment. Note: see section 1 of SDS for emergency contact information and section 13 of SDS for waste disposal.

**Section 7. Handling and storage****Precautions for safe handling****Protective measures:**

Put on appropriate personal protective equipment (see section 8 of SDS). Contains gas under pressure. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe gas. Avoid contact with eyes, skin and clothing. Use only with adequate ventilation. Do not enter storage areas and confined spaces unless adequately ventilated. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not puncture or incinerate container.

**Advice on general occupational hygiene:**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities**

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10 of SDS) and food and drink. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Store locked up. Eliminate all ignition sources. Keep container tightly closed and sealed until ready for use.

**Section 8. Exposure controls/personal protection****Control parameters****Occupational exposure limits****Ingredient name**

Liquefied petroleum gas:

**Exposure limits**

**OSHA PEL 1989 Vacated (1989-03-01)**

Time Weighted Average (TWA) 1,800 mg/m<sup>3</sup> 1,000 ppm

**OSHA PEL (1993-06-30)**

Time Weighted Average (TWA) 1,800 mg/m<sup>3</sup> 1,000 ppm

**NIOSH REL (1994-06-01)**

Time Weighted Average (TWA) 1,800 mg/m<sup>3</sup> 1,000 ppm

**ACGIH TLV (2013-06-14)**

**Ingredient name****Ethanol****Exposure limits****OSHA PEL 1989 Vacated (1989-03-01)**Time Weighted Average (TWA) 1,900 mg/m<sup>3</sup> 1,000 ppm**OSHA PEL (1993-06-30)**Time Weighted Average (TWA) 1,900 mg/m<sup>3</sup> 1,000 ppm**NIOSH REL (1994-06-01)**Time Weighted Average (TWA) 1,900 mg/m<sup>3</sup> 1,000 ppm**ACGIH TLV (2008-11-24)**

Short Term Exposure Limit (STEL) 1,000 ppm

**Acetone****OSHA PEL 1989 Vacated (1989-03-01)**Time Weighted Average (TWA) 1,800 mg/m<sup>3</sup> 750 ppm

**Pollutant concentration that should not be exceeded during working hours and which workers are believed to be exposed during a period of 15 minutes maximum, without experiencing: a) irritation. b) chronic or irreversible tissue damage. c) dependent toxic effects of exposure rate. d) Narcosis of sufficient magnitude to increase susceptibility to accidents. e) The reduction of ability to get to safety by their own means. 2,400 mg/m<sup>3</sup> 1,000 ppm**

**OSHA PEL (1993-06-30)**Time Weighted Average (TWA) 2,400 mg/m<sup>3</sup> 1,000 ppm**NIOSH REL (1994-06-01)**Time Weighted Average (TWA) 590 mg/m<sup>3</sup> 250 ppm**ACGIH TLV (1997-05-21)**Time Weighted Average (TWA) 1,188 mg/m<sup>3</sup> 500 ppm**Short Term Exposure Limit (STEL) 1,782 mg/m<sup>3</sup> 750 ppm****Appropriate engineering controls:**

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental exposure controls:**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Individual protection measures****Hygiene measures:**

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

### Skin protection

**Hand protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product., When there is a risk of ignition from static electricity, wear anti-static protective clothing., For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

**Other skin protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection:** Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and chemical properties

### Appearance

<b>Physical state:</b>	Aerosols
<b>Color:</b>	White
<b>Odor:</b>	Sweet
<b>Odor threshold:</b>	Not available
<b>pH:</b>	Not available
<b>Melting point:</b>	Not available
<b>Boiling point:</b>	Not available
<b>Flash point:</b>	-17.8 °C (0.04- °F)
<b>Burning time:</b>	Not available
<b>Burning rate:</b>	Not available
<b>Evaporation rate:</b>	1

<b>Flammability (solid, gas):</b>	Not available
<b>Lower and upper explosive: (flammable) limits:</b>	Lower: Not available Upper: Not available
<b>Vapor pressure:</b>	10.1 hPa
<b>Vapor density:</b>	1 [Air = 1]
<b>Relative density:</b>	Not available
<b>Density:</b>	0.85 g/cm <sup>3</sup>
<b>Solubility:</b>	Not available
<b>Solubility in water:</b>	Slightly Soluble
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>SADT:</b>	Not available
<b>Viscosity:</b>	Dynamic: Not available    Kinematic: Not available
<b>Other information:</b>	No additional information.

## Section 10. Stability and reactivity

<b>Reactivity:</b>	Stable under normal conditions.
<b>Chemical stability:</b>	The product is stable.
<b>Possibility of hazardous reactions:</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid:</b>	Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
<b>Incompatible materials:</b>	strong oxidizing agents, strong reducing agents
<b>Hazardous decomposition products:</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

<u>Product/ingredient name</u>	<u>Result</u>	<u>Species</u>	<u>Dose</u>	<u>Exposure</u>
Ethanol	LD50 Oral	Rat	7,000 mg/kg	-
	LC50 Inhalation	Rat	6 mg/l	6 h
Acetone	LD50 Oral	Rat	5,800 mg/kg	-
	LC50 Inhalation	Rat	50 mg/l	8 h

**Conclusion/Summary:** Not determined



**Irritation/Corrosion**

<b><u>Product/ingredient name</u></b>	<b><u>Result</u></b>	<b><u>Species</u></b>	<b><u>Score</u></b>	<b><u>Exposure</u></b>	<b><u>Observation</u></b>
<b>Ethanol</b>	Eyes – Moderate irritant	Rabbit			-
	Skin – Mild irritant	Rabbit			-
	Skin – Moderate irritant	Rabbit		24 hrs	-
	Eyes – Severe irritant	Rabbit			-
	Eyes – Mild irritant	Rabbit		24 hrs	-
<b>Acetone</b>	Eyes – Severe irritant	Rabbit			-
	Skin - Mild irritant	Rabbit			-
	Skin - Mild irritant	Rabbit		24 hrs	-
	Eyes – Moderate irritant	Rabbit			-
	Eyes - Mild irritant	Human			-

**Conclusion/Summary**

<b>Skin:</b>	Not determined
<b>Eyes:</b>	Not determined
<b>Respiratory:</b>	Not determined

**Sensitization****Conclusion/Summary**

<b>Skin:</b>	Not determined
<b>Respiratory:</b>	Not determined

**Mutagenicity**

<b>Conclusion/Summary:</b>	Not determined
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**Carcinogenicity**

<b>Conclusion/Summary:</b>	Not determined
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**Reproductive toxicity**

<b>Conclusion/Summary:</b>	Not determined
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**Teratogenicity**

<b>Conclusion/Summary:</b>	Not determined
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**Specific target organ toxicity (single exposure)**

<b><u>Product/ingredient name</u></b>	<b><u>Category</u></b>	<b><u>Route of exposure</u></b>	<b><u>Target organs</u></b>
<b>Ethanol</b>			
<b>Acetone</b>	Category 3		Respiratory tract irritation Narcotic effects
<b>Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlorides, compds. with bentonite</b>	Category 3		Respiratory tract irritation

**Specific target organ toxicity (repeated exposure)**

<b><u>Product/ingredient name</u></b>	<b><u>Category</u></b>	<b><u>Route of exposure</u></b>	<b><u>Target organs</u></b>
Ethanol			
Acetone	Category 1		skin, liver central nervous system (CNS) kidneys

**Aspiration hazard**

<b><u>Product/ingredient name</u></b>	<b><u>Result</u></b>
Acetone	ASPIRATION HAZARD - Category 1

**Information on the likely routes of exposure:** Not Available

**Potential acute health effects**

<b>Eye contact:</b>	Causes serious eye irritation. Contact with rapidly expanding gas may cause burns or frostbite.
<b>Inhalation:</b>	Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness. May cause respiratory irritation. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
<b>Skin contact:</b>	Causes skin irritation. Contact with rapidly expanding gas may cause burns or frostbite.
<b>Ingestion:</b>	Can cause central nervous system (CNS) depression. Irritating to mouth, throat and stomach. As this product is a gas, refer to the inhalation section.

**Symptoms related to the physical, chemical and toxicological characteristics**

<b>Eye contact:</b>	Adverse symptoms may include the following: pain or irritation, watering, redness
<b>Inhalation:</b>	Adverse symptoms may include the following: respiratory tract irritation, coughing, nausea or vomiting, headache drowsiness/fatigue, dizziness/vertigo, unconsciousness
<b>Skin contact:</b>	Adverse symptoms may include the following: irritation, redness
<b>Ingestion:</b>	No specific data.

**Delayed and immediate effects and also chronic effects from short and long term exposure****Short term exposure**

<b>Potential immediate effects:</b>	Not available
<b>Potential delayed effects:</b>	Not available

**Long term exposure**

<b>Potential immediate effects:</b>	Not available
<b>Potential delayed effects:</b>	Not available

**Potential chronic health effects**

**Conclusion/Summary:** Not determined

<b>General:</b>	Causes damage to organs through prolonged or repeated exposure
<b>Carcinogenicity:</b>	May cause cancer. Risk of cancer depends on duration and level of exposure.
<b>Mutagenicity:</b>	May cause genetic defects.
<b>Teratogenicity:</b>	No known significant effects or critical hazards.
<b>Developmental effects:</b>	No known significant effects or critical hazards.

**Fertility effects:** No known significant effects or critical hazards.

**Numerical measures of toxicity**

**Acute toxicity estimates:** Not available

**Section 12. Ecological information**

**Ecotoxicity**

<b><u>Product/ingredient name</u></b>	<b><u>Result</u></b>	<b><u>Species</u></b>	<b><u>Exposure</u></b>
<b>ethyl alcohol</b>	Acute LC50 42,000 µg/l Fresh water	Fish - Rainbow trout, donaldson trout	96 h
	Acute LC50 100 mg/l Fresh water	Fish - Fathead minnow	96 h
	Acute LC50 5,680 mg/l Fresh water	Aquatic invertebrates, Water flea	48 h
	Acute EC50 100 mg/l Fresh water	Aquatic invertebrates, Water flea	48 h
	Acute EC50 20,000 mg/l Fresh water	Aquatic plants - Green Flagellate	96 h
	Acute EC50 10,000 mg/l Fresh water Acute EC50 10,000 mg/l Fresh water	Aquatic plants – Algae Aquatic plants – Diatom	96 h 96 h
<b>propan-2-one</b>	Acute LC50 8,000 mg/l Fresh water	Fish - Rainbow trout, donaldson trout	96 h
	Acute LC50 100 mg/l Fresh water	Fish - Fathead minnow	96 h
	Acute LC50 6,900 mg/l Fresh water	Aquatic invertebrates, Water flea	48 h
	Acute EC50 11,493,300 µg/l Fresh water	Aquatic plants – Diatom	96 h
	Acute EC50 7,200,000 µg/l Fresh water	Aquatic plants - Green algae	96 h

**Conclusion/Summary:** Not available

**Persistence/degradability**

**Conclusion/Summary:** Not available

**Bioaccumulative potential**

<b><u>Product/ingredient name</u></b>	<b><u>LogPow</u></b>	<b><u>BCF</u></b>	<b><u>Potential</u></b>
Liquified petroleum gas	1.09	-	low
Ethanol	-0.35	-	low
Acetone	-0.23	-	low

**Mobility in soil**

Soil/water partition coefficient (KOC): Not available

Other adverse effects: No known significant effects or critical hazards.

## **Section 13. Disposal considerations**

### **Disposal methods:**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Empty pressure vessels should be returned to the supplier. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

## **Section 14. Transport information**

**DOT SHIPPING NAME:** AEROSOLS  
**DOT HAZARD CLASS:** 2.1  
**DOT LABEL (S):** 2.1  
**UN/NA NUMBER:** UN1950  
**PACKING GROUP:**

**IMDG SHIPPING NAME:** AEROSOLS  
**CLASS:** 2.1  
**IMDG-Labels:** 2.1  
**UN NUMBER:** UN1950  
**PACKING GROUP:**  
**EmS No.:** F-D; S-U

**IATA:** AEROSOLS  
**CLASS:** 2.1  
**ICAO-Labels:** 2.1  
**UN NUMBER:** UN1950  
**PACKING GROUP:**

\*PG : Packing group

## **15. Regulatory information**

### **United States**

#### **U.S. Federal regulations:**

**United States - TSCA 12(b) - Chemical export notification:** None required.

**United States - TSCA 5(a)2 - Final significant new use rules:** Not listed

**United States - TSCA 5(a)2 - Proposed significant new use rules:** Not listed

**United States - TSCA 5(e) - Substances consent order:** Not listed

**SARA 311/312**

**Classification:** Fire hazard  
Sudden release of pressure  
Immediate (acute) health hazard  
Delayed (chronic) health hazard

**California Prop. 65:** None required.  
**Canada - WHMIS (Canada):** Not reviewed.

**International regulations****International lists:**

**Australia inventory (AICS):** Not determined.  
**Canada inventory:** All components are listed or exempted.  
**Japan inventory:** Not determined.  
**China inventory (IECSC):** All components are listed or exempted.  
**Korea inventory:** All components are listed or exempted.  
**New Zealand Inventory (NZIoC):** All components are listed or exempted.  
**Philippines inventory (PICCS):** All components are listed or exempted.  
**United States inventory (TSCA 8b):** All components are listed or exempted.

**Section 16. Other information****Hazardous Material Information System III (U.S.A.) :**

**Health - 2**  
**Flammability - 3**  
**Physical hazards - 0**

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868. The customer is responsible for determining the PPE code for this material.

**Full text of abbreviated H statements:** Not applicable

**Statements****History**

**Date of printing:** 7/20/2015  
**Date of issue/Date of revision:** 7/20/2015  
**Date of previous issue:** 00/00/0000  
**Version:** 1.0  
**Prepared by:** Product Safety Stewardship

**Key to abbreviations:**

ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
UN = United Nations

**References:**

Not 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.

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