SAFETY DATA SHEET



Boron Trifluoride

Section 1. Identification

GHS product identifier	: Boron Trifluoride
Chemical name	: boron trifluoride
Other means of identification	 Boron trifluoride; Boron fluoride (BF3); Boron fluoride; Trifluoroborane; Trifluoroboron; BF3; Fluorure de bore; UN 1008; Leecure b series
Product type	: Gas.
Product use	: Synthetic/Analytical chemistry.
Synonym	 Boron trifluoride; Boron fluoride (BF3); Boron fluoride; Trifluoroborane; Trifluoroboron; BF3; Fluorure de bore; UN 1008; Leecure b series
SDS #	: 001006
Supplier's details	: Chengdu Hongjin Chemical Co.,Ltd Room 402, Xixi Central International, Chenghua District, Chengdu City, Sichuan Province, China 86-028-84791130
24-hour telephone	: 86-028-84791130

Section 2. Hazards identification

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	: GASES UNDER PRESSURE - Compressed gas ACUTE TOXICITY (inhalation) - Category 2 SKIN CORROSION - Category 1 SERIOUS EYE DAMAGE - Category 1 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2
GHS label elements Hazard pictograms	

Signal word	: Danger
Hazard statements	 Contains gas under pressure; may explode if heated. Fatal if inhaled. Causes severe skin burns and eye damage. Causes serious eye damage. May cause damage to organs through prolonged or repeated exposure. (kidneys)
Precautionary statements	, , , , , , , , , , , , , , , , , , , ,
General	: Read and follow all Safety Data Sheets (SDS'S) before use Read label before use

General	: Read and follow all Safety Data Sheets (SDS'S) before use. Read label before use.
	Keep out of reach of children. If medical advice is needed, have product container or
	label at hand. Close valve after each use and when empty. Use equipment rated for
	cylinder pressure. Do not open valve until connected to equipment prepared for use.
	Use a back flow preventative device in the piping. Use only equipment of compatible
	materials of construction.
• • •	

 Prevention
 : Wear protective gloves. Wear protective clothing. Wear eye or face protection. In case of inadequate ventilation wear respiratory protection. Use only outdoors or in a well-ventilated area. Do not breathe gas.

Section 2. Hazards identification

Response	: Get medical advice or attention if you feel unwell. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage	: Store locked up. Protect from sunlight. Store in a well-ventilated place.
Disposal	 Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards not otherwise classified	: None known.

Section 3. Composition/information on ingredients

Substance/mixture	: Substance
Chemical name	: boron trifluoride
Other means of identification	 Boron trifluoride; Boron fluoride (BF3); Boron fluoride; Trifluoroborane; Trifluoroboron; BF3; Fluorure de bore; UN 1008; Leecure b series
Product code	: 001006

CAS number/other identifiers

CAS number	: 7637-07-2		
Ingredient name		%	CAS number
boron trifluoride		100	7637-07-2

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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

Eye contact	: Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician.	
Inhalation	: Get medical attention immediately. Call a poison center or physician. 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. 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.	
Skin contact	: Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.	
Ingestion	: As this product is a gas, refer to the inhalation section.	
Most important symptoms/effects, acute and delayed		
Potential acute health effects		
Eye contact	: Causes serious eye damage. Contact with rapidly expanding gas may cause burns or frostbite.	

 Date of issue/Date of revision
 : 4/28/2020
 Date of previous issue
 : No previous validation
 Version
 : 1

2/11

Section 4. First aid measures

Inhalation	: Fatal if inhaled.
Skin contact	: Causes severe burns. Contact with rapidly expanding gas may cause burns or frostbite.
Frostbite	: Try to warm up the frozen tissues and seek medical attention.
Ingestion	: As this product is a gas, refer to the inhalation section.
Over-exposure signs/sym	<u>ptoms</u>
Eye contact	: Adverse symptoms may include the following:, pain, watering, redness
Inhalation	: No specific data.
Skin contact	: Adverse symptoms may include the following:, pain or irritation, redness, blistering may occur
Ingestion	: Adverse symptoms may include the following:, stomach pains
Indication of immediate me	dical attention and special treatment needed, if necessary
Notes to physician	 Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: None known.
Specific hazards arising from the chemical	: Contains gas under pressure. In a fire or if heated, a pressure increase will occur and the container may burst or explode.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: halogenated compounds
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.
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	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not breathe 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".

Section 6. Accidental release measures

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.
Large spill	 Immediately contact emergency personnel. Stop leak if without risk. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Contains gas under pressure. Do not get in eyes or on skin or clothing. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not puncture or incinerate container. Use equipment rated for cylinder pressure. Close valve after each use and when empty. Protect cylinders from physical damage; do not drag, roll, slide, or drop. Use a suitable hand truck for cylinder movement. Empty containers retain product residue and can be hazardous. Do not breathe gas.
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. Remove contaminated clothing and protective equipment before entering eating areas. 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 away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Cylinder temperatures should not exceed 52 °C (125 °F). Store locked up. Keep container tightly closed and sealed until ready for use. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits				
boron trifluoride	ACGIH TLV (United States, 3/2019).				
	C: 0.7 ppm				
	TWA: 0.1 ppm 8 hours.				
	NIOSH REL (United States, 10/2016).				
	CEIL: 3 mg/m ³				
	CEIL: 1 ppm				
	OSHA PEL (United States, 5/2018).				
	CEIL: 3 mg/m ³				
	CEIL: 1 ppm				
	OSHA PEL 1989 (United States, 3/1989).				
	CEIL: 3 mg/m ³				
	CEIL: 1 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.
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.

Date of issue/Date of revision : 4/28/2020 Date of p

Section 8. Exposure controls/personal protection

Individual protection meas	<u>ures</u>
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 and/ or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
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.
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	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. 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

<u>Appearance</u>	
Physical state	: Gas. [Compressed gas.]
Color	: Colorless.
Odor	: Pungent.
Odor threshold	: Not available.
рН	: Not available.
Melting point	: -126°C (-194.8°F)
Boiling point	: -101°C (-149.8°F)
Critical temperature	: -12.2°C (10°F)
Flash point	: [Product does not sustain combustion.]
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Not available.
Vapor pressure	: @ 70°F (21.1°C) above the critical temperature of 9.86°F (-12.3°C)
Vapor density	: 2.4 (Air = 1)
Specific Volume (ft ³ /lb)	: 334.4482
Gas Density (lb/ft ³)	: 0.00299
Relative density	: Not applicable.
Solubility	: Not available.
Solubility in water	: Not available.

Section 9. Physical and chemical properties

Partition coefficient: n- octanol/water	:	Not available.
Auto-ignition temperature	1	Not available.
Decomposition temperature	1	Not available.
Viscosity	1	Not applicable.
Flow time (ISO 2431)	1	Not available.
Molecular weight	:	67.81 g/mole

Se	ction	10.	Stability	and	re	a	ct	i١	/İ	ty	/		
_													

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
boron trifluoride	LC50 Inhalation Gas.	Rat	806 ppm	1 hours

Irritation/Corrosion

Not available.

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Section 11. Toxico	olo	ogical information	า		
Name			Category	Route of exposure	Target organs
boron trifluoride			Category 2	-	kidneys
Aspiration hazard Not available.					
Information on the likely routes of exposure	:	Not available.			
Potential acute health effects	<u>s</u>				
Eye contact	1	Causes serious eye damage frostbite.	e. Contact with r	apidly expanding g	as may cause burns or
Inhalation	:	Fatal if inhaled.			
Skin contact		Causes severe burns. Cont	tact with rapidly e	xpanding gas mav	cause burns or frostbite.
Ingestion		As this product is a gas, refe			
Symptoms related to the phy	/sic	cal, chemical and toxicolog	ical characterist	tics	
Eye contact		Adverse symptoms may inc			edness
Inhalation	:	No specific data.			
Skin contact	:	Adverse symptoms may inc	lude the following	g:, pain or irritation,	redness, blistering may
Ingestion	:	Adverse symptoms may inc	lude the following	g:, stomach pains	
Delayed and immediate effect	<u>cts</u>	and also chronic effects fro	om short and lo	ng term exposure	
Short term exposure					
Potential immediate effects	1	Not available.			
Potential delayed effects	:	Not available.			
Long term exposure					
Potential immediate effects	1	Not available.			
Potential delayed effects	:	Not available.			
Potential chronic health eff	ect	<u>s</u>			
Not available.					
General	:	May cause damage to organ	ns through prolor	nged or repeated ex	kposure.
Carcinogenicity	:	No known significant effects	or critical hazar	ds.	
Mutagenicity	:	No known significant effects	or critical hazar	ds.	
Teratogenicity	:	No known significant effects	or critical hazar	ds.	
Developmental effects	:	No known significant effects	or critical hazar	ds.	
Fertility effects	:	No known significant effects	or critical hazar	ds.	
Numerical measures of toxic	:ity				

<u>oxicity</u> Acute toxicity estimates

Route	ATE value
Inhalation (gases)	403 ppm

Section 12. Ecological information

Toxicity

Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition	: Not available.
coefficient (Koc)	

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 Airgas-owned pressure vessels should be returned to Airgas. 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	TDG	Mexico	IMDG	ΙΑΤΑ
UN number	UN1008	UN1008	UN1008	UN1008	UN1008
UN proper shipping name	BORON TRIFLUORIDE	BORON TRIFLUORIDE, COMPRESSED	BORON TRIFLUORIDE	BORON TRIFLUORIDE	BORON TRIFLUORIDE
Transport hazard class(es)	2.3 (8)	2.3 (8)	2.3 (8)	2.3 (8)	2.3 (8)
Packing group	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.

"Refer to CFR 49 (or authority having jurisdiction) to determine the information required for shipment of the product."

Additional information

DOT Classification

 Toxic - Inhalation hazard Zone B <u>Limited quantity</u> Yes.
 <u>Quantity limitation</u> Passenger aircraft/rail: Forbidden. Cargo aircraft: Forbidden.
 <u>Special provisions</u> 2, B9, B14

8/11

Section 14. Transport information

•		
TDG Classification	:	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.13-2.17 (Class 2), 2.40-2.42 (Class 8). Explosive Limit and Limited Quantity Index 0 ERAP Index 25 Passenger Carrying Vessel Index Forbidden Passenger Carrying Road or Rail Index Forbidden
ΙΑΤΑ	:	Quantity limitation Passenger and Cargo Aircraft: Forbidden. Cargo Aircraft Only: Forbidden.
Special precautions for user	:	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
Transport in bulk according to IMO instruments	:	Not available.

Section 15. Regulatory information

U.S. Federal regulations	TSCA 8(a) CDR Exempt/Partial exemption: Not determined	
	Clean Air Act (CAA) 112 regulated toxic substances: boron trifluorid	е
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	Not listed	
Clean Air Act Section 602 Class I Substances	Not listed	
Clean Air Act Section 602 Class II Substances	Not listed	
DEA List I Chemicals (Precursor Chemicals)	Not listed	
DEA List II Chemicals (Essential Chemicals)	Not listed	
SARA 302/304		

Composition/information on ingredients

			SARA 302 TPQ		SARA 304 RQ	
Name	%	EHS	(lbs)	(gallons)	(lbs)	(gallons)
boron trifluoride	100	Yes.	500	-	500	-

SARA 304 RQ : 500 lbs / 227 kg

SARA 311/312

Classification

: Refer to Section 2: Hazards Identification of this SDS for classification of substance.

SARA 313

	Product name	CAS number	%
Form R - Reporting requirements	boron trifluoride	7637-07-2	100
Supplier notification	boron trifluoride	7637-07-2	100

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Date of issue/Date of revision	: 4/28/2020	Date of previous issue	: N
New Jersey	: This mate	erial is listed.	
New York	New York : This material is listed.		
Massachusetts	: This mate	erial is listed.	

Section 15. Regulatory information

Pennsylvania

California Prop. 65

: This material is listed.

This product does not require a Safe Harbor warning under California Prop. 65.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants Not listed.

Rotterdam Convention on Prior Informed Consent (PIC) Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

Australia	: This material is listed or exempted.
Canada	: This material is listed or exempted.
China	: This material is listed or exempted.
Europe	: This material is listed or exempted.
Japan	 Japan inventory (ENCS): This material is listed or exempted. Japan inventory (ISHL): Not determined.
New Zealand	: This material is listed or exempted.
Philippines	: This material is listed or exempted.
Republic of Korea	: This material is listed or exempted.
Taiwan	: This material is listed or exempted.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: This material is active or exempted.
Viet Nam	: This material is listed or exempted.

Section 16. Other information

Hazardous Material Information System (U.S.A.)



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 and the associated label are not required on SDSs or products leaving a facility 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 trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)

Section 16. Other information



Reprinted with permission from NFPA 704-2001, Identification of the Hazards of Materials for Emergency Response Copyright ©1997, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the National Fire Protection Association, on the referenced subject which is represented only by the standard in its entirety.

Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Procedure used to derive the classification

	Classification	Justification		
GASES UNDER PRESSURE - Compressed gas ACUTE TOXICITY (inhalation) - Category 2 SKIN CORROSION - Category 1 SERIOUS EYE DAMAGE - Category 1 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2		According to package On basis of test data Expert judgment Expert judgment Expert judgment		
History				
Date of printing	: 4/28/2020			
Date of issue/Date of revision	: 4/28/2020			
Date of previous issue	: No previous validation	No previous validation		
Version	1			
Key to abbreviations	IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition co MARPOL = International Convention for the Prevent	BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals ATA = International Air Transport Association BC = Internediate Bulk Container MDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)		
References	: Not available.			

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.