

(PART A)

Safety Data Sheet

Section 1: Identification

Product Identifier and Other Means of Identification

Product Identifier: 834FX-A

Other Product Identifier: Black Flexible Epoxy, Thermally Conductive - Flame Retardant,

Encapsulating And Potting Compound

Related Part # 834FX-450ML, 834FX-1.7L, 834FX-7.4L, 834FX-40L

Recommended Use and Restriction on Use

Use: Epoxy resin for use with hardeners **Uses Advised Against:** Not applicable

Details of Manufacturer or Importer

Manufacturer

MG Chemicals 1210 Corporate Drive Burlington, Ontario L7L 5R6 CANADA

FAX +1-800-340-0772 +1-800-340-0773

E-MAIL <u>support@mgchemicals.com</u> **WEB** <u>www.mgchemicals.com</u>

E-MAIL (Competent Person): sds@mgchemicals.com

Emergency Phone Number

For hazardous material incidents ONLY (leaks, spills, fires, exposures or accidents) USA or CANADA—Call Verisk 3E at +1-866-519-4752 or +1-760-476-3962 (Service access code: 335388)

For emergencies involving the transport of dangerous goods; 24/7 service CANADA—Call CANUTEC collect at **+1-613-996-6666** or ***666** on cellular phones

Page **1** of **17**



(PART A)

Section 2: Hazard(s) Identification

Classification of Hazardous Chemical

GHS Categories

Criteria		Category	Signal Word	Pictograms
Sensitization	Skin	1	Warning	Exclamation
Eye Irritation		2	Warning	Exclamation
Skin Irritation		2	Warning	Exclamation
Acute Toxicity	Oral	4	Warning	Exclamation
Reproductive Toxicity		2	Warning	Health
Hazardous to the Aquatic Environment	Chronic	2	none	Environment

Note: The degree of severity is ranked within each hazard class from

Label Elements

Signal Word	WARNING
Pictograms	Hazard Statements
	H317: May cause an allergic skin reaction
	H319: Causes serious eye irritation
•/	H315: Causes skin irritation
	H302: Harmful if swallowed
	H361: Suspected of damaging fertility or the unborn child
¥2>	H411: Toxic to aquatic life with long lasting effects

Section continued on the next page

Page 2 of 17

^{1 (}Highest Severity) to up to 5 (Lowest Severity), which is opposite to HMIS and NFPA conventions. Severity category rankings do not allow comparisons between classes.



SAI Global File #004008 Burlington, Ontario, Canada

834FX-A (PART A)

Continued..

Prevention	Precautionary Statements
P102	Keep out of reach of children.
P201, P202	Obtain special instructions before use. Do not handle until all safety precautions have been understood.
P261	Avoid breathing fumes/vapors.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P272	Contaminated work clothing should not be allowed out of the workplace.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
Response	Precautionary Statements
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P301 + P312, P330	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P391	Collect spillage.
Storage	Precautionary Statements
P405	Store locked up.
Disposal	Precautionary Statements
P501	Dispose of contents/container in accordance to local/regional/international regulations.

Hazards Not Otherwise Classified

Other Criteria	Hazard Statements/Precautionary Statement	Signal Word	Pictograms
None	None	None	None

Page **3** of **17**



(PART A)

Section 3: Composition/Information on Ingredients

CAS#	Chemical Name	%(weight)
25085-99-8	bisphenol-A-(epichlorhydrin)	22%
21645-51-2	aluminum trihydrate	22%
68333-79-9	ammonium polyphosphate	19%
1344-28-1	aluminium oxide	14%
41638-13-5	polyglycol, epichlorohydrin polymer	8%
68609-97-2	alkyl glycidyl ether	7%
138265-88-0	zinc borate	5%
25068-38-6	bisphenol-A epoxy resin (reaction product) a)	1%
68037-01-4	1-decene, homopolymer, hydrogenated	0.6%
64741-65-7	naphtha (petroleum), heavy alkylate	0.4%
1333-86-4	carbon black	0.4%

a) average molecular weight of ≤700

Section 4: First-Aid Measures

Exposure Condition	GHS Code/Symptoms/Precautionary Statements		
IF IN EYES	P305 + P351 + P338, P337 + P313		
Immediate Symptoms	redness, irritation		
Response	Rinse cautiously with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
	If eye irritation persists: Get medical advice/attention.		
IF ON SKIN	P302 + P352, P333 + P313, P362 + P364		
Immediate Symptoms	redness, irritation, dry skin, allergic contact dermatitis		
Response	Wash with plenty of water.		
	If skin irritation or rash occurs: Get medical advice/attention.		
	Take off contaminated clothing and wash it before reuse.		

Section continued on the next page

Page **4** of **17**



SAI Global File #004008 Burlington, Ontario, Canada

834FX-A (PART A)

Continued...

IF INHALED	P304 + P340, P312
Immediate Symptoms	cough, respiratory irritation
Response	Remove person to fresh air and keep comfortable for breathing.
	If you feel unwell: Get medical advice/attention.
IF SWALLOWED	P301 + P312, P330, P308 + P313
IF SWALLOWED Immediate Symptoms	P301 + P312, P330, P308 + P313 irritation, harmful
	<u> </u>

Section 5: Fire-Fighting Measures

Extinguishing Media	In case of fire: Use	dry chemica	l, carbon dioxide	, chemical
----------------------------	----------------------	-------------	-------------------	------------

foam, or water spray to extinguish.

Specific Hazards Not flammable or combustible, but burns if involved in a fire.

Produces irritating smoke of unknown toxicity in fires.

Prevent fire-fighting wash from entering waterway or sewer

system.

Combustion Products Produces carbon oxides (CO,CO₂) and toxic fumes.

Fire-Fighter Wear self-contained breathing apparatus and full fire-fighting

turn-out gear.

Section 6: Accidental Release Measures

Personal Protection See personal protection recommendations in Section 8.

Precautions for Response

Avoid breathing the fumes/vapors. Remove or keep away all

sources of extreme heat or open flames.

Environmental Precautions

Avoid releasing to the environment. Prevent spill from entering

drains and waterways.

Containment Methods Contain with inert and non-flammable absorbent (such as soil,

sand, vermiculite).

Section continues on the next page

Page **5** of **17**



SAI Global File #004008 Burlington, Ontario, Canada

834FX-A (PART A)

Cleaning Methods Collect liquid in a sealable, chemical-resistant container.

Sprinkle inert absorbent compound onto spill, then sweep into the container. Wash residue with a paper towel wetted with alcohol, ethyl lactate, or another suitable organic solvent; and place dirty towels in container. Use soap and water to remove

the last traces of residue.

Disposal Methods Dispose of spill waste according to Section 13.

Section 7: Handling and Storage

Prevention Keep out of reach of children.

Obtain special instructions before use. Do not handle until all

safety precautions have been understood.

Avoid breathing fumes/vapors.

Avoid release to the environment.

Handling Protective gloves/protective clothing/eye protection/face

protection

Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the

workplace.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Collect spillage.

Storage RECOMMENDATION: Keep in a dry and clean area, away from

incompatible substances.



(PART A)

Section 8: Exposure Controls/Personal Protection

Substances with Occupational Exposure Limit Values

Chemical Name	Country	Long Term Exposure Limits (PEL)	Short Term Exposure Limits (STEL)
aluminum metal	ACGIH	1 mg/m ³	Not established
and insoluble	U.S.A. OSHA PEL	15 mg/m ³	Not established
compounds ^{a)}	Canada AB	10 mg/m ³	Not established
	Canada BC	1 mg/m³	Not established
	Canada ON	1 mg/m³	Not established
	Canada QC	10 mg/m ³	Not established
aluminium oxide	ACGIH	Not established	Not established
	U.S.A. OSHA PEL	5 mg/m ³	Not established
	Canada AB	10 mg/m ³	Not established
	Canada BC	Not established	Not established
	Canada ON	Not established	Not established
	Canada QC	10 mg/m ³	Not established
carbon black ^{a)}	ACGIH	3.5 mg/m ³	Not established
	U.S.A. OSHA PEL	3.5 mg/m ³	Not established
	Canada AB	3.5 mg/m ³	Not established
	Canada BC	3 mg/m ³	Not established
	Canada ON	3.5 mg/m^3	Not established
	Canada QC	3.5 mg/m ³	Not established

Note: Ingredients are listed in descending weight contribution order (from greatest to least). The ACGIH¹, OSHA (Table Z-1), and Canadian provinces exposure limits were consulted. Limits from the RTECS² database and from suppliers' SDS were also consulted. Short term exposure limits (STEL) are for 15 min and long term permissible exposure limits (PEL) for 8 h.

a) Respirable airborne particles

Engineering Controls

Ventilation

Keep airborne concentrations below the occupational exposure limits (OEL).

Note that the aluminum oxide, and carbon black are inextricably bound to the adhesive mixture; therefore, they are not available as airborne hazard under normal or foreseeable condition of use. Ensure adequate ventilation if the product is mechanically misted or aerosolized.

Section continued on the next page

Page **7** of **17**



SAI Global File #004008 Burlington, Ontario, Canada

834FX-A (PARTA)

Personal Protective Equipment

Eye protection Wear appropriate protective eyeglasses or chemical safety

goggles.

RECOMMENDATION: Ensure that glasses have side shields for

lateral protection.

Skin Protection For likely contacts, use of protective butyl rubber or other

chemically resistant gloves.

For incidental contacts, use nitrile or other chemically resistant

gloves.

Respiratory Protection For over-exposures up to 10 x OEL of mist/vapors/spray, wear

respirator such as a half-mask respirator with organic vapor

cartridges.

Above 10 x OEL, use a positive-pressure, air-supplied

respirator or a self-contained breathing apparatus.

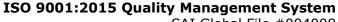
RECOMMENDATION: Consult your local safety supply store to ensure that your respirator has a NIOSH (U.S.) approved filter cartridges appropriate for the ingredients listed in Section 3.

The respirator should be fitted to the employee by a professional. Ensure vapor cartridges are stored in sealed

plastic bags when not being used.

General Hygiene Considerations

Wash hands thoroughly with water and soap after handling.





SAI Global File #004008 Burlington, Ontario, Canada

834FX-A (PART A)

Section 9: Physical and Chemical Properties

Physical State	Liquid	Lower Flammability Limit	Not available
Appearance	Black	Upper Flammability Limit	Not available
Odor	Mild	Vapor Pressure @20°C	Not available
Odor Threshold	Not available	Vapor Density	Not available
рH	Not available	Relative Density @25 °C	1.63
Freezing/Melting Point	Not available	Solubility in Water	Negligible
Initial Boiling Point	≥218 °C [≥424 °F]	Partition Coefficient n-octanol/water	Not available
Flash Point	>150 °C [>302 °F]	Auto-ignition Temperature ^{b)}	Not available
Evaporation Rate	Not available	Decomposition Temperature	Not available
Flammability	Not available	Viscosity @25 °C	4 566 cP

Section 10: Stability and Reactivity

Reactivity	Reacts	s exothermical	ly with	amınes.
------------	--------	----------------	---------	---------

Chemical Chemically stable at normal temperatures and pressures

Stability

Conditions to Ignition sources, open flames, and incompatible substances

Avoid

Incompatibilities Strong oxidizing agents, strong acids, alkaly

Polymerization Will not occur

Decomposition Will not decompose under normal conditions. For thermal

decomposition, see combustion products in Section 5.



(PART A)

Section 11: Toxicological Information

Summary of Effects and Symptoms by Routes of Exposure

Eyes May cause redness, or irritation.

Skin May cause skin redness, irritation, dry skin, or allergic contact

dermatitis.

Inhalation May cause cough and respiratory irritation.

Ingestion May cause irritation and is harmful if swallowed.

Chronic Prolonged and repeated exposure may lead to skin sensitization.

Acute Toxicity (Lethal Exposure Concentrations)

Chemical Name	LD50 oral	LD50 dermal	LC50 inhalation
bisphenol-A-(epichlorhydrin)	19 200 mg/kg	4 500 mg/kg	Not
	Rat	Rat	available
aluminum trihydrate	>10 000 mg/kg	>10 000 mg/kg	Not
	Rat	Rabbit	available
ammonium polyphosphate	>300 mg/kg	Not	Not
	Rat	available	available
aluminium oxide	>2 000 mg/kg	Not	Not
	Rat	available	available
alkyl glycidyl ether	19 000 mg/kg	>4 000 mg/kg	Not
	Rat	Rat	available
zinc borate	>10 000 mg/kg	>10 000 mg/kg	>5.0 mg/L
	Rat	Rat	4 h Rat ^{a)}
bisphenol-A epoxy resin (reaction product)	>2 000 mg/kg	>2 000 mg/kg	Not
	Rat	Rat	available
1-decene, homopolymer,	>2 000 mg/kg	>2 000 mg/kg	>5.2 mg/L
hydrogenated	Rat	Rat	4 h Rat

Section continued on the next page

Page **10** of **17**



CA Prop 65: Listed as a carcinogen (airborne, as

unbound particles of respirable size)

SAI Global File #004008

Burlington, Ontario, Canada

834FX-A

(PART A)

Chemical Name	LD50	LD50	LC50
	oral	dermal	inhalation
naphtha (petroleum), heavy alkylate	>7 600 mg/kg	>3 040 mg/kg	>5.9 mg/L
	Rat	Rat	4 h Rat
carbon black	>15 g/kg	>3 g/kg	Not
	Rat	Rabbit	available

Note: Toxicity data from the RTECS² and ECHA databases were consulted. The data from supplier SDS were also consulted.

a) Supplier value based on zinc (4:1) borate monohydrate

Other Toxicological Effects		
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/irritation	Causes serious eye irritation.	
Sensitization (allergic reactions)	Skin sensitizer based on animal studies on the epoxy components.	
Carcinogenicity (risk of cancer)	The carbon black [1333-86-4] is possibly carcinogenic by airborne routes of exposures under WHMIS.	
	Because the carbon black is bound in the epoxy liquid mixture, it is not available as an airborne hazard (dust, mist, or spray) under normal use.	
	Carbon Black [1333-86-4]	
	IARC Group 2B: Possibly carcinogenic to humans	
	ACGIH A4: Not classified as a human carcinogen	

NTP: Not listed

Based on available data, the classification criteria Mutagenicity are not met. (risk of heritable genetic effects)

Reproductive Toxicity Animal ingestion studies show that high doses of

zinc borate cause reproductive and developmental (risk to sex functions) effects.

Teratogenicity Based on available data, the classification criteria are not met. (risk of fetus malformation)

Section continued on the next page

Page **11** of **17**



SAI Global File #004008 Burlington, Ontario, Canada

834FX-A (*Part A*)

STOT-single exposure Based on available data, the classification criteria

are not met.

STOT-repeated exposureBased on available data, the classification criteria

are not met.

Aspiration hazard Based on available data, the classification criteria

are not met. The liquid content is not an aspiration hazard. It has a kinematic viscosity $>20.5~\text{mm}^2/\text{s}$.

Section 12: Ecological Information

Ecological classifications are based on the IMDG/GHS criteria in conjunction with ecotoxicological data from our suppliers, the European Chemical Agency database (http://echa.europa.eu), and other reliable sources.

In Europe, similar epoxy resin mixtures with CAS# 25068-38-6 and 25085-99-8 have an average molecular weight of less than 700 are generally classified as chronic category 2 marine pollutant due to LC50 96 h of >1 mg/L but ≤ 10 mg/L.

The zinc borate is classified as a chronic category 1 environmental toxicant with a M-Factor of 1 (with minimal LC50 96 h of 2.4 mg/L for Oncorhhynchus mykiss (rainbow trout); LC50 48 h of 76 mg/L Daphnia magna (water flea); and transformation/dissolution endpoint for zinc borate powder that release of 0.452 mg/L of zinc ion, which is higher than zinc's NOEC limit).

Based on available data, carbon black and alkyl glycidyl ether are not classified as environmental hazards according to GHS criteria.

Acute Ecotoxicity

Category 2

Toxic to aquatic life

Chronic Ecotoxicity

Category 2

Toxic to aquatic life with long lasting effects

Avoid release to the environment. Collect spillage.

Biodegradability

Not available

Bioaccumulation

Not available

Page **12** of **17**



SAI Global File #004008 Burlington, Ontario, Canada

834FX-A

(PART A)

Section 13: Disposal Information

Dispose of contents in accordance with all local, regional, national, and international regulations.

Section 14: Transport Information

Ground

Refer to TDG regulations (Canadian Transportation of Dangerous Goods regulations); **USA DOT 49 CFR** (Parts 100 to 185) **Regulations.**

Sizes under 450 L Part A of all 834FX kits

NOT REGULATED in TDG per Special Provisions 99

Sizes 5 L and under

Part A of 834FX-450ML, 834FX-1.7L,

834FX-7.4L kits

NOT REGULATED in 49 CFR per exception 171.4 (c)(2)

49 CFR: Sizes greater than 5 L Part A of 834FX-40L

UN number: UN3082 Shipping Name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Reaction product: bisphenol-A-(epichlorhydrin), zinc borate)

Class: 9

Packing Group: III

Marine Pollutant: Yes



Special Provision 99 (2): These Regulations, except for Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) and Part 2 (Classification), do not apply to the handling, offering for transport or transporting of less than 450 kg of UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., or less than 450 L of UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., on a road vehicle or a railway vehicle. The dangerous goods must be contained in one or more small means of containment designed, constructed, filled, closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of the dangerous goods that could endanger public safety.

Section continued on the next page



SAI Global File #004008 Burlington, Ontario, Canada

834FX-A (*Part A*)

Air

Refer to ICAO-IATA Dangerous Goods Regulations.

Sizes 5 L and under:

Part A of 834FX-450ML, 834FX-1.7L,

834FX-7.4L kits
NOT REGULATED

Not Restricted, as per Special Provisions A197 Sizes greater than 5 L:

Part A of 834FX-40L

UN number: UN3082 Shipping Name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Reaction product: bisphenol-A-(epichlorhydrin), zinc borate)

Class: 9

Packing Group: III Marine Pollutant: Yes



Special Provision A197: These substances when transported in single or combination packagings containing net quantity per single or inner packaging of less than 5 L or less for liquids or having a net mass of 5 kg or less for solids, are not subject to any other provisions of these Regulations provided the packagings meet the general provisions 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

Sea

Refer to IMDG regulations.

Sizes 5 L and under:

Part A of 834FX-450ML, 834FX-1.7L, 834FX-7.4L kits

NOT REGULATED

per 2.10.2.7

Sizes greater than 5 L:

Part A of 834FX-40L

UN number: UN3082

Shipping Name: ENVIRONMENTALLY HAZARDOUS

SUBSTANCE, LIQUID, N.O.S. (Reaction product: bisphenol-A-(epichlorhydrin), zinc borate)

Class: 9

Packing Group: III Marine Pollutant: Yes



2.10.2.7: Marine pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to any other provision of this Code relevant to marine pollutants provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8. In the case of marine pollutants also meeting the criteria for inclusion in another hazard class, all provisions of this Code relevant to any additional hazards continue to apply.

Note: Shipper must be appropriately <u>trained and certified</u> before involvement with the transport of dangerous goods.

Page **14** of **17**



Chemica

(PARTA)

Section 15: Regulatory Information

Canada

Domestic Substance List (DSL) / Non-Domestic Substance Lists (NDSL)

All hazardous ingredients are listed on the DSL/NDSL.

Hazardous Products Act (R.S.C., 1985, c. H-3)

The safety data sheet and label comply with the Hazardous Product Act and WHMIS 2015.

USA

Other Classifications

HMIS® RATING

HEALTH:	*	2
FLAMMABILITY:		1
PHYSICAL HAZARD:		0
PERSONAL PROTECTION:		

NFPA® 704 CODES



Approximate HMIS and NFPA Risk Ratings Legend:

0 (Low or none); 1 (Slight); 2 (Moderate); 3 (Serious); 4 (Severe)

CAA (Clean Air Act, USA)

This product does not contain any class 1 ozone depleting substances.

This product does not contain any class 2 ozone depleting substances.

This product does not contain substances that are listed as hazardous air pollutants.

EPCRA (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product does not contain zinc borate (CAS# 138265-88-0), which have a 1 000 lb reporting quantity requirements in section 313 Title III of the SARA of 1986 and 40 CFR part 372.

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

Section continued on the next page

Page **15** of **17**



SAI Global File #004008 Burlington, Ontario, Canada

834FX-A (*Part A*)

California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity, USA).

This product contains carbon black, but it is bound and exposures during normal conditions of uses are below the Safe Harbor Threshold.

Europe

RoHS (Restriction of Hazardous Substances Directive)

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, PBDE's, DEHP, BBP, DBP, or DIBP and complies with European RoHS regulations.

WEEE (Waste Electrical and Electronic Equipment Directive)

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.

Section 16: Other Information

SDS Prepared by MG Chemicals' Regulatory Department

Date of Review 20 April 2022 Supersedes 02 March 2020

Reason for Changes: Modifications to section 14.

Reference

- 1) ACGIH 2017 TLVs and BEIs: Based on the documentation of the threshold limit values for chemical substances and physical agents & biological exposure indices, American Conference of Governmental of Industrial Hygienist Cincinnati, OH (2017).
- 2) All toxicological data were checked against the RTECS (Registry of Toxic Effects of Chemical Substances®)

Section continued on the next page



SAI Global File #004008 Burlington, Ontario, Canada

834FX-A (PART A)

Abbreviations

ACGIH American Conference of Governmental Industrial Hygienists (USA) EC50 Half maximal effective concentration Half maximal effective loading EL50 IARC International Agency for Research on Cancer No observable effect loading ratio NOELR NTP National Toxicology Program Globally Harmonized System of Classification of Labeling of Chemicals GHS Lethal Concentration 50% LC50 Lowest published lethal concentration LCLo LD50 Lethal Dose 50% OEL Occupational Exposure Limit PFL Permissible Exposure Limit Safety Data Sheet SDS STEL Short-Term Exposure Limit Lowest published toxic concentration TCLo TWA Time Weighted Average

VOC

Technical Queries Contact us regarding any questions, improvement suggestions, or problems with this product. Application notes, instructions, and FAQs are located at www.mgchemicals.com.

Email: support@mgchemicals.com

Mailing Addresses Manufacturing & Support

1210 Corporate Drive Burlington, Ontario, Canada

L7L 5R6

Volatile Organic Content

Disclaimer

This safety data sheet is provided as an information resource only. M.G. Chemicals, Ltd. believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to query and verify any information seeming suspect where doubt on the validity may exist. The buyer assumes all responsibility of using and handling the product in accordance with local, regional, national, and international regulations.

Page 17 of 17