

8329TCM-B

(Part B)

Safety Data Sheet

Section 1: Identification

Product Identifier and Other Means of Identification

Product Identifier: 8329TCM-B

Other Means of Identification: Thermally Conductive Epoxy Adhesive

Related Part # 8329TCM-6ML, 8329TCM-50ML, 8329TCM-200ML

Recommended Use and Restriction on Use

Use: Thermally conductive adhesive for bonding and thermal management

Uses Advised Against: Not for use as a spray coating

Details of Manufacturer or Importer

Manufacturer

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

+1-800-340-0772

FAX +1-800-340-0773

E-MAIL support@mgchemicals.com

WEB www.mgchemicals.com

MG Chemicals (Head Office)

9347-193 Street

Surrey, British Columbia V4N 4E7

CANADA

+1-905-331-1396 FAX +1-905-331-2682 E-MAIL info@mgchemicals.com

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

SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B

(PART B)

Section 2: Hazard(s) Identification

Classification of the Chemical Material

GHS Categories

Criteria		Category	Signal Word	Pictograms
Serious Eye Damage		1	Danger	Corrosion
Skin Corrosion		1B	Danger	Corrosion
Sensitization	Skin	1	Warning	Exclamation
Specific target organ toxicity	Repeated Exposure	2	Warning	Health
Reproductive Toxicity		2	Warning	Health
Hazardous to the Aquatic Environment	Chronic	1	Warning	Environment

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

Label Elements

Signal Word	DANGER
Pictograms	Hazard Statements
	H314: Causes severe skin burns and eye damage
!	H317: May cause an allergic skin reaction
	H373: May cause damage to organs (liver, muscles) through prolonged or repeated exposure
	H361: Suspected of damaging fertility or the unborn child

Section continued on the next page

Page 2 of 18



SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B

(PART B)

\sim			,
α	ntin	uea	
-co	ICIII	aca	

Pictograms	Hazard Statements		
*	H410: Very toxic to aquatic life with long lasting effects		
Prevention	Precautionary Statements		
P102	Keep out of reach of children.		
P260	Do not breathe fumes or vapors.		
P201 + P202	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.		
P280	Wear protective gloves, protective clothing, and eye protection.		
P264	Wash hands thoroughly after handling.		
P272	Contaminated work clothing should not be allowed out of the workplace.		
P273	Avoid release to the environment.		
Response	Precautionary Statements		
P310	Immediately call a POISON CENTER or doctor.		
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].		
P333 + P313	If skin irritation or rash occurs: Get medical advice or attention.		
P363	Wash contaminated clothing before reuse.		
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.		
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.		
P391	Collect spillage.		
Storage	Precautionary Statements		

Section continued on the next page

Page **3** of **18**



SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B (PART B)

Continued...

Disposal	Precautionary Statements
P501	Dispose of contents in accordance to local, regional, national, and international regulations.

Hazards Not Otherwise Classified

Other Criteria	Hazard Statements/Precautionary Statement	Signal Word	Pictograms
Metal fume fever	When the product is exposed to very high heat such as welding or when mechanically aerosolized, this may cause harmful zinc oxide and aluminum oxide fumes.	None	None

Section 3: Composition/Information on Ingredients

CAS#	Chemical Name	%(weight)
1344-28-1	aluminium oxide	35-45%
1314-13-2	zinc oxide	30-40%
25154-52-3	nonylphenol	10%
1761-71-3	4,4'-methylenebis(cyclohexylamine)	2%
112-24-3	triethylenetetramine	0.5%
1333-86-4	carbon black	0.4%

Section 4: First-Aid Measures

Exposure Condition	GHS Code: Precautionary Statement		
IF IN EYES	P305 + P351 + P338, P310		
Immediate Symptoms	redness, severe irritation, pain, burns		
Response	Rinse cautiously with water for 30 minutes or more. Remove contact lenses, if present and easy to do. Continue rinsing.		
	Immediately call a POISON CENTER or doctor.		

Section continued on the next page

Page 4 of 18



SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B (PART B)

\sim					
Co	ntı	ni	\sim		
	,,,,	,,,,		•	
~	,,,,	, , u	Cu		•

IF ON SKIN (or hair)	P303 + P361 + P353, P310, P333 + P313, P363	
Immediate or Delayed Symptoms	redness, irritation, rash (allergic contact dermatitis), pain, chemical burns, blistering	
Response	Take off immediately all contaminated clothing. Wash with plenty of water [shower].	
	Immediately call a POISON CENTRE or doctor.	
	If skin irritation or rash occurs: Get medical advice or attention.	
	Wash contaminated clothing before reuse.	
IF INHALED	P304 + P340, P310	
Immediate Symptoms	cough, irritation of the respiratory track, burning sensation	
Delayed Symptoms	asthma, difficulty breathing	
Response	Remove person to fresh air and keep comfortable for breathing.	
	Immediately call a POISON CENTER or doctor.	
IF SWALLOWED	P301 + P330 + P331, P310	
Immediate Symptoms	Irritation, abdominal pain, nausea, vomiting, burns to the digestive tract	
Response	Rinse mouth. Do not induce vomiting.	
	Immediately call a POISON CENTER or doctor.	

Advice to Physicians

In case of exposure to nitrogen oxides (NO_x) combustion products or triethylenetetramine vapors during a fire, the symptoms may be delayed. For significant exposures, the exposed person should be kept under medical surveillance for 48 hours.



SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B (Part B)

Section 5: Fire-Fighting Measures

Extinguishing Media Use dry chemical, carbon dioxide, or chemical foam to

extinguish. Use water spray to cool containers.

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

Produces irritating and toxic fumes in fires or in contact with hot

surfaces.

Inhalation of zinc oxide and aluminum oxide fumes may cause metal fever and irritate the respiratory tract. The flu-like symptoms of metal fever may be delayed, occurring 4 to 12

hours after exposure.

Toxic for aquatic environment: Prevent fire-fighting wash from

entering waterway or sewer system.

Combustion Products Produces carbon oxides (CO, CO₂), nitrogen oxides (NO_x), boron

oxides, and toxic metal fumes.

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

turn-out gear.

Section 6: Accidental Release Measures

Personal Protection Use personal protection recommended in Section 8.

Precautions for

Response

Do not breathe the fumes/vapors.

Environmental

Precautions

Avoid releasing to the environment. Prevent spill from entering

drains and waterways. Do not flush to sewer.

Containment Methods

Contain with inert absorbent (such as soil, sand, vermiculite).

Cleaning Methods

Collect liquid in a sealable container. Sprinkle inert absorbent compound onto spill, then sweep into the container. Wipe residue with a paper towel wetted with a suitable organic solvent such as alcohol or ethyl lactate, and place dirty towels in

container. Wash spill area with soap and water to remove the

last traces of residue.

Disposal Methods Dispose spill waste according to Section 13.



SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B (PART B)

Section 7: Handling and Storage

Prevention Keep out of reach of children.

Do not breathe fumes/vapors.

Obtain special instructions before use. Do not handle until all

safety precautions have been read and understood.

Contaminated work clothing should not be allowed out of the

workplace.

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

Avoid release to the environment.

Handling Wear protective gloves/protective clothing/eye protection/face

protection.

Take off contaminated clothing and wash it before reuse.

Wash hands thoroughly after handling.

Collect spillage.

Storage Store locked up.

Section 8: Exposure Controls/Personal Protection

Substances with Occupational Exposure Limit Values

Chemical Name	Country or Vendor	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/m ³	Not established
	Canada ON	1 mg/m ³	Not established
	Canada QC	10 mg/m ³	Not established
zinc oxide	ACGIH	2 mg/m ³	Not established
(dust/mist)	U.S.A. OSHA PEL	2 mg/m ³	10 mg/m ³
	Canada AB	2 mg/m ³	10 mg/m ³
	Canada BC	2 mg/m ³	10 mg/m ³
	Canada ON	2 mg/m ³	10 mg/m ³
	Canada QC	2 mg/m ³	10 mg/m ³

Section continued on the next page

Page **7** of **18**



SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B

(PART B)

Continued...

Chemical Name	Country or Vendor	Long Term Exposure Limits (PEL)	Short Term Exposure Limits (STEL)
triethylenetetramine	ACGIH	Not established	Not established
	U.S.A. OSHA PEL	Not established	Not established
	U.S.A (WEEL)	1 ppm	Not established
	Canada AB	Not established	Not established
	Canada BC	Not established	Not established
	Canada ON	0.5 mg/m³ (Skin) a)	Not established
	Canada QC	Not established	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: The ACGIH¹, OSHA (Table Z-1), and Canadian provinces exposure limits were consulted. Limits from the RTECS database² and from suppliers' SDS were also consulted. Short term exposure limits (STEL) are usually for 15 min and long term permissible exposure limits (PEL) for 8 h.

a) As respirable airborne particles.

Engineering Controls

Ventilation

Keep airborne concentrations below exposure limits. Please note that the aluminum oxide, zinc 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.

Personal Protective Equipment

Eye protection Wear appropriate protective eyeglasses or chemical safety

goggles.

RECOMMENDATION: Use safety glasses with lateral protection

(side shields).

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

other chemically resistant gloves.

For incidental contacts, use nitrile or other chemically resistant

gloves.

Section continued on the next page

Page **8** of **18**



SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B

(PART B)

Respiratory Protection

For over-exposures up to $10 \times OEL$ 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.

If the product is heated or worker has a known allergic reaction, consider using a full mask with organic vapor cartridge or with an independent air supply.

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 use.



Burlington, Ontario, Canada

8329TCM-B

(PART B)

Section 9: Physical and Chemical Properties

Physical State	Solid	Lower Flammability Limit	Not available
Appearance	Dark grey	Upper Flammability Limit	Not available
Odor	Amine-like	Vapor Pressure @20°C	Not available
Odor Threshold	Not available	Vapor Density	Not available
pH	Not available	Relative Density @25°C	2.38
Freezing/Melting	Not	Solubility in	Insoluble
Point	available	Water	
Initial Boiling	Not	Partition Coefficient n-octanol/water	Not
Point	available		available
Flash Point a)	222 °C	Auto-ignition	Not
	[432 °F]	Temperature	available
Evaporation	Not	Decomposition	Not
Rate	available	Temperature	available
Flammability	Non	Viscosity	6 000 000 cP
	Flammable	@25 °C	[6 000 Pa·s]

a) The closed cup flash point values for the component with the lowest reported boiling point.

Section 10: Stability and Reactivity

Reactivity F	Reacts exothermically	with ketones,	halogenated	hydrocarbons,
--------------	-----------------------	---------------	-------------	---------------

cyanides, nitriles, and epoxides. May attack metals such as

aluminum, zinc, copper, and their alloys.

Chemical Stability Chemically stable at normal temperatures and pressures

Conditions to Avoid excessive heat and incompatible substances.

AvoidDo not use in a way that forms a mist or aerosolizes the product.

Incompatibilities Strong oxidizing agents, strong acids

Polymerization Will not occur

Decomposition For thermal decomposition, see combustion products in Section 5.



8329TCM-B

(PART B)

Section 11: Toxicological Information

Summary of Effects and Symptoms by Routes of Exposure

Eyes May cause chemical burns. Also can cause eye irritation, redness or pain.

Skin May cause redness, serious skin irritation, allergic contact dermatitis, and

chemical burns. Triethylenetetramine can be absorbed through skin

leading to toxic effects.

When heated, hot triethylenetetramine vapors may also result in itching of

the face with skin redness (erythema) and swelling (edema).

Inhalation Inhalation of vapors or mist may cause irritation to the nose, throat and

lung (upper respiratory tract).

Ingestion May cause severe irritation or corrosive burns to the mouth, throat,

esophagus, and stomach. May cause allergic reactions. (See inhalation

symptoms.)

Chronic Prolonged and repeated exposure to uncured epoxy hardener may lead to

skin sensitization.

Lethal Exposure Concentrations

Chemical Name	LD50	LD50	LC50
	oral	dermal	inhalation
aluminum oxide	Not	Not	Not
	available	available	available
zinc oxide	7 950 mg/kg	Not	2 500 mg/m³
	Rat	available	Mouse
nonylphenol	589 mg/kg	2 140 mg/kg	Not
	Rat	Rabbit	available
4,4'-methylenebis (cyclohexylamine)	Not	Not	400 mg/m³
	available	available	mouse
triethylenetetramine	2 500 mg/kg	805 g/kg	Not
	Rat	Rabbit	available
carbon black	>15.4 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.

Section continued on the next page

Page **11** of **18**



SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B (PART B)

Other Toxicological Effects

Skin corrosion/irritation Nonylphenol, 4,4'-Methylenebis(cyclohexylamine), and

triethylenetetramine causes severe skin burns.

Serious eye damage/irritation Triethylenetetramine causes severe eye damage.

Respiratory and skin

sensitization (allergic reactions)

4,4'-Methylenebis(cyclohexylamine) and

triethylenetetramine may cause skin sensitization

according to animal studies.

Carcinogenicity

The carbon black [1333-86-4] is possibly carcinogenic (risk of cancer) 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

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

unbound particles of respirable size)

NTP: Not listed

Mutagenicity

(risk of heritable genetic effects)

Based on available data, the classification criteria are

not met.

Reproductive Toxicity

(risk to sex functions)

Based on available data, the classification criteria are

not.

Teratogenicity

(risk of fetus malformation)

Nonylphenol is suspected of being a human reproductive toxicant. It is listed as a category 2 reproductive toxicant in the EU CLP harmonized list.

STOT-single exposure

Based on available data, the classification criteria are

not met.

STOT-repeated exposure

4,4'-Methylenebis(cyclohexylamine) is suspected of

causing muscle disorder and liver damage in workers

based on rat studies.

Aspiration hazard

There are no category 1 components, and the kinematic

viscosity is >20.5 mm²/s at 40 °C.



SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B

(PART B)

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.

Contains zinc oxide which is an acute and chronic category 1 solid (non-biodegradable, minimal LC50 of 0.042 mg/L) that is very toxic to the aquatic environment.

Nonylphenol is classified as a category 1 chronic aquatic toxicant (minimal LC50 0.128 mg/L).

Literature values for the triethylenetetramine (CAS # 112-24-3) suggest an acute category 3 aquatic toxicity (LC50, IC50, and EC50 values of >100 mg/L for fish and between 10 and 100 mg/L for algae).

Based on available data, aluminum oxide, boron nitride, and carbon black are not classified as environmental hazard according to GHS criteria.

Acute Ecotoxicity

Category 1

Very toxic to aquatic life

Chronic Ecotoxicity

Category 1

Very toxic to aquatic life with long lasting effects

Avoid release to the environment. Collect spillage.

Biodegradability

Not readily biodegradable

Bioaccumulation

Not available

Other Effects

Not available

Section 13: Disposal Considerations

Dispose of contents in accordance with all local, provincial, state, and federal regulations.



SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B

(PART B)

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 1 kg and under

Part B of 8329TCM-6ML, 8329TCM-50ML, and 8329TCM-500ML kits

Limited Quantity

FOR REFERENCE ONLY

UN number: UN3263

Shipping Name: CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (nonylphenol, 4,4'-methylenebis

(cyclohexylamine))

Class: 8

Packaging Group: II Marine Pollutant: Yes

Air

Refer to ICAO-IATA Dangerous Goods Regulations.

Sizes 30 g and under

Part B of 8329TCM-6ML kit

Excepted Quantity

Document as class E2



Sizes 0.5 kg and under a)

Part B of 8329TCM-50ML and 8329TCM-500ML kits

Limited Quantity

Max Net QTY/Pkg = 5 kg



Refer to Package Mark 2.6.7.1 in IATA for further instruction

a) Inner packaging net quantity per S.P. Y844. Total net quantity per package is 5.0 kg.

Section continued on the next page

Page **14** of **18**



SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B

(PART B)

Sea

Refer to IMDG regulations.

Sizes 1 kg and under

Part B of 8329TCM-6ML, 8329TCM-50ML, and 8329TCM-500ML kits

Limited Quantity



FOR REFERENCE ONLY

UN number: UN3263

Shipping Name: CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (nonylphenol, 4,4'-methylenebis

(cyclohexylamine))

Class: 8

Packaging Group: II Marine Pollutant: Yes

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

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.

Section continued on the page



SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B

(PART B)

USA

Other Classifications

HMIS® RATING

HEALTH:	*	3
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 contains aluminum oxide (CAS# 1344-28-1), which is subject to the reporting requirements of 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.

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.

Page 16 of 18



SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B (PART B)

Section 16: Other Information

SDS Prepared by MG Chemical's Regulatory Department

Date of Revision 10 March 2021 22 July 2021 **Supersedes**

Reason for Changes: correction to the chemical name for CAS number 25154-52-3 in

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®)

Abbreviations

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

VOC

Volatile Organic Content

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

Section continued the next page

Page **17** of **18**



SAI Global File #004008 Burlington, Ontario, Canada

8329TCM-B (PART B)

Mailing Addresses Manufacturing & Support

1210 Corporate Drive

Burlington, Ontario, Canada Surrey, British Columbia, Canada

Head Office

9347-193rd Street

L7L 5R6 V4N 4E7

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.