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Revision: 12/02/2020

Supersedes Revision: 01/22/2020

1. Product and Company Identification

Product Code: CB-J2 (H)

Black Jack - Hardener **Product Name:**

Crest Industries, Inc. **Phone Number: Company Name:** 1337 King Road (734)479-4141

Trenton, MI 48183

Web site address: crestauto.com

Chemtel (800)255-3924 **Emergency Contact:**

> International Calls (813)248-0585

CB-J2 Stock Number(s):

2. Hazards Identification

Acute Toxicity: Oral, Category 4 Skin Corrosion/Irritation, Category 2

Serious Eye Damage/Eye Irritation, Category 2

Skin Sensitization, Category 1



GHS Signal Word: Warning

GHS Hazard Phrases: H302 - Harmful if swallowed.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

GHS Precautionary Phrases: P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 - Wash hands thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel **GHS Response Phrases:**

unwell.

P330 - Rinse mouth.

P302+352 - IF ON SKIN: Wash with plenty of soap and water.

P333+313 - If skin irritation or rash occurs, seek medical advice/attention.

P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

P501 - Dispose of contents/container to an approved treatment/storage/disposal facility

contact lenses, if present and easy to do. Continue rinsing. P337+313 - If eye irritation persists, get medical advice/attention.

P362 - Take off contaminated clothing and wash before re-use.

in accordance with local/regional/national and international regulations. Phrases:

3. Composition/Information on Ingredients

CAS#	Hazardous Components (Chemical Name)	Concentration
NA	Mercaptan Terminated Polymer	75.00 - 90.00 %
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	1.000 - 10.00 %
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	1.000 - 5.000 %

GHS Storage and Disposal



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4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical

attention/advice if you feel unwell.

In case of contact, immediately wash skin with soap and copious amounts of water. In Case of Skin Contact:

In Case of Eye Contact: In case of contact, immediately flush eyes with copious amounts of water for at least 15

minutes. In case of contact with eyes, flush with copious amounts of water for at least 15

minutes. Assure adequate flushing by separating the eyelids with fingers. Call a

physician.

If swallowed, wash out mouth with water provided person is conscious. Call a physician. In Case of Ingestion:

5. Fire Fighting Measures

> 177 C (> 350 F) Method Used: Pensky-Marten Closed Cup Flash Pt:

LEL: UEL: **Explosive Limits:**

Autoignition Pt:

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand,

MSHA/NIOSH (approved or equivalent), and full protective gear. Specific Hazard(s):

Flammable Properties and

Hazards:

Hazardous Combustion

Products:

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or

Spilled:

Use proper personal protective equipment as indicated in Section 8. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Provide ventilation. Do not let

product enter drains.

7. Handling and Storage

Precautions To Be Taken in

Handling:

User Exposure: Do not breathe dust. Avoid contact with eyes, skin, and clothing. Do not

breathe vapor. Use with adequate ventilation.

Precautions To Be Taken in

Store in a cool, dry place.

Storing:

8. Exposure Controls/Personal Protection

CAS# **Partial Chemical Name OSHA TWA ACGIH TWA Other Limits**

NA Mercaptan Terminated Polymer

90-72-2 2,4,6-Tris(Dimethylaminomethyl)Phenol 67762-90-7 Siloxanes and silicones, di-me, reaction

products with silica

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Respiratory Equipment

(Specify Type):

Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements

or European Standard EN 149 must be followed whenever workplace conditions warrant

respirator use.

Safety glasses. Eye Protection:

Protective Gloves: Wear appropriate gloves to prevent skin exposure.

Wear appropriate protective clothing to minimize contact with skin. Other Protective Clothing:

Engineering Controls

Use adequate ventilation to keep airborne concentrations low.

(Ventilation etc.):

Work/Hygienic/Maintenance Wash thoroughly after handling.

Practices:

9.	Phy	sical	and	Chemical	F	ro	perties
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[X] Liquid [] Solid **Physical States:** [] Gas

Off-white. Appearance and Odor:

sulfurous odor.

pH:

Melting Point: Boiling Point:

Flash Pt: > 177 C (> 350 F) Method Used: Pensky-Marten Closed Cup

Evaporation Rate:

Flammability (solid, gas):

LEL: UEL: **Explosive Limits:**

Vapor Pressure (vs. Air or

mm Hg):

Vapor Density (vs. Air = 1):

Specific Gravity (Water = 1):

0.907 G/ML (7.57 - LB/GA) Density:

Solubility in Water: Miscible

Octanol/Water Partition

Coefficient: **Autoignition Pt:**

Decomposition Temperature:

Viscosity:

10. Stability and Reactivity

Unstable [] Stable [X] Stability:

Conditions To Avoid -

Incompatible materials, Excess heat.

Instability:

Incompatibility - Materials To Strong oxidizing agents.

Avoid:

Hazardous Decomposition or Hazardous decomposition products formed under fire conditions. Hazardous

Decomposition Products: silicon oxides. Carbon monoxide, Carbon dioxide, Nitrogen Byproducts:

Will not occur [X]

oxides.

Will occur []

Possibility of Hazardous

Reactions:

Conditions To Avoid -Hazardous Reactions:

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Multi-region format



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11. Toxicological Information

Toxicological Information:

CAS#	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
NA	Mercaptan Terminated Polymer	n.a.	n.a.	n.a.	n.a.
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	n.a.	n.a.	n.a.	n.a.
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

13. Disposal Considerations

Waste Disposal Method:

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Contact a licensed professional waste disposal service to dispose of this material.

14. Transport Information

LAND TRANSPORT (US DOT):

Not Regulated. DOT Proper Shipping Name:

DOT Hazard Class: UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name:

UN Number:

Hazard Class: TDG Classification:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Aviation regulated liquid, n.o.s. (Polymercaptan) **UN Number:** 3334 **Packing Group:**

9 - CLASS 9 **Hazard Class:**

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS#	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
NA	Mercaptan Terminated Polymer	No	No	No
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	No	No	No
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

	•		
[] Yes [X] No	Explosive	[X] Yes [] No	Acute toxicity (any route of exposure)
[] Yes [X] No	Flammable (gases, aerosols, liquid, or solid)	[X] Yes [] No	Skin Corrosion or Irritation
[] Yes [X] No	Oxidizer (liquid, solid or gas)	[X] Yes [] No	Serious eye damage or eye irritation
[] Yes [X] No	Self-reactive	[X] Yes [] No	Respiratory or Skin Sensitization
[] Yes [X] No	Pyrophoric (liquid or solid)	[] Yes [X] No	Germ cell mutagenicity
[] Yes [X] No	Pyrophoric gas	[] Yes [X] No	Carcinogenicity
[] Yes [X] No	Self-heating	[] Yes [X] No	Reproductive toxicity
[] Yes [X] No	Organic peroxide	[] Yes [X] No	Specific target organ toxicity (single or repeated exposure)
[] Yes [X] No	Corrosive to metal	[] Yes [X] No	Aspiration Hazard
[] Yes [X] No	Gas under pressure (compressed gas)	[] Yes [X] No	Simple Asphyxiant
[] Yes [X] No	In contact with water emits flammable gas	[] Yes [X] No	(Health) Hazard Not Otherwise Classified (HNOC)
[] Yes [X] No	Combustible Dust		
[] Yes [X] No	(Physical) Hazard Not Otherwise Classified (HNOC)		



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CAS#	Hazardous Components (Chemical Name)	Canadian NPRI	Canadian Toxic	Canadian DSL	
NA	Mercaptan Terminated Polymer	No	No	No	
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	No	No	Yes	
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No	No	Yes	
CAS#	Hazardous Components (Chemical Name)	Other US EPA or	State Lists		
NA	Mercaptan Terminated Polymer	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No PA HSL: No; SC TAP: No; WI Air: No			
90-72-2	2,4,6-Tris(Dimethylaminomethyl)Phenol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No			
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A, 8A PAIR; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No			

16. Other Information

Revision Date: 12/02/2020

Additional Information About

This Product:

Company Policy or

Disclaimer:

The information contained in this SDS is believed to be accurate and reliable as of the date indicated. Crest Industries, Inc. assumes no legal responsibility and makes no representation, warranty or guarantee, expressed or implied, as to the completeness or accuracy of the information. It is offered solely for your consideration, investigation and verification. The user is ultimately responsible for the safe use of the material in accordance with applicable federal, state, provincial and local laws and regulations.



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Phone Number:

1. Product and Company Identification

Product Code: CB-J2 (R)

Product Name: Black Jack - Resin

Company Name: Crest Industries, Inc.

1337 King Road (734)479-4141

Trenton, MI 48183

Web site address: crestauto.com

Emergency Contact: Chemtel (800)255-3924

International Calls (813)248-0585

Stock Number(s): CB-J2

2. Hazards Identification

Skin Corrosion/Irritation, Category 2 Serious Eye Damage/Eye Irritation, Category 2A Skin Sensitization, Category 1



GHS Signal Word: Warning

GHS Hazard Phrases: H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

GHS Precautionary Phrases: P261 - Avoid breathing dust/fume.

P264 - Wash hands thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P280 - Wear gloves/protective clothing/eye protection.

GHS Response Phrases: P302+352 - IF ON SKIN: Wash with plenty of soap and water.

P333+313 - If skin irritation or rash occurs, seek medical advice/attention.

P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P337+313 - If eye irritation persists, get medical advice/attention.

P362 - Take off contaminated clothing and wash before re-use.

GHS Storage and Disposal

P501 - Dispose of contents/container to an approved treatment/storage/disposal facility

Phrases: in accordance with local/regional/national and international regulations.

3. Composition/Information on Ingredients

CAS#	Hazardous Components (Chemical Name)	Concentration
25068-38-6	Bisphenol-a based epoxy resin	70.00 - 85.00 %
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	1.000 - 10.00 %
1333-86-4	Carbon black	0.100 - 1.000 %



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Superseue

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation: If breathing is difficult, give oxygen. If inhaled, remove to fresh air. Get medical

attention/advice if you feel unwell.

In Case of Skin Contact: In case of contact, immediately wash skin with soap and copious amounts of water.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and

lower eyelids. Get medical aid immediately.

In Case of Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: > 149 C (> 300 F) Method Used: Pensky-Marten Closed Cup

Explosive Limits: LEL: UEL:

Autoignition Pt: NA

Suitable Extinguishing Media: Use foam, dry chemical, or carbon dioxide. Suitable: Water spray.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand,

MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and

Hazards:

Hazardous Combustion

Products:

6. Accidental Release Measures

Steps To Be Taken In Case Use proper personal protective equipment as indicated in Section 8.

Material Is Released Or

Material is iteleased Of

Sweep up, place in a bag and hold for waste disposal. Do not let product enter drains.

Spilled: Provide ventilation.

7. Handling and Storage

Precautions To Be Taken in

Handling:

1333-86-4

Do not ingest or inhale. Avoid contact with eyes, skin, and clothing. Use with adequate

TLV: 3 mg/m3 (IHL)

ventilation.

Precautions To Be Taken in

Carbon black

Keep away from sources of ignition. Store in a cool, dry place.

Storing:

8. Exposure Controls/Personal Protection

CAS#	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
25068-38-6	Bisphenol-a based epoxy resin			
67762-90-7	Siloxanes and silicones, di-me, reaction	1		
	products with silica			

PEL: 3.5 mg/m3

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Respiratory Equipment

(Specify Type):

Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. A respiratory

protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant

respirator use.

Safety glasses. Eye Protection:

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure. Wear appropriate protective clothing to prevent skin exposure. Other Protective Clothing:

Engineering Controls

(Ventilation etc.):

Use adequate ventilation to keep airborne concentrations low.

Work/Hygienic/Maintenance Wash thoroughly after handling.

Practices:

9.	Phy	sical	and	Chemical	F	ro	perties
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[X] Liquid [] Solid **Physical States:** [] Gas

Black. Appearance and Odor:

sweetish odor.

pH:

NA **Melting Point:**

Boiling Point: 260 C (500 F)

Flash Pt: > 149 C (> 300 F) Method Used: Pensky-Marten Closed Cup

Evaporation Rate:

Flammability (solid, gas):

Explosive Limits: LEL: UEL:

Vapor Pressure (vs. Air or

mm Hg):

Vapor Density (vs. Air = 1):

Specific Gravity (Water = 1):

~ 0.942 G/ML (~ 7.86 - LB/GA) Density:

Solubility in Water: **Octanol/Water Partition**

Coefficient:

Autoignition Pt: NA **Decomposition Temperature:**

Viscosity:

10. Stability and Reactivity

Unstable [] Stable [X] Stability:

Conditions To Avoid -

Incompatible materials, Excess heat.

Instability:

Incompatibility - Materials To Strong oxidizing agents.

Avoid:

Hazardous Decomposition or Carbon monoxide, Hazardous decomposition products formed under fire conditions.

Byproducts:

Possibility of Hazardous Will occur [] Will not occur [X]

Reactions:

Conditions To Avoid -**Hazardous Reactions:**



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11. Toxicological Information

Toxicological Information:

Carcinogenicity/Other CAS# 2238-07-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Information:

CAS#	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
25068-38-6	Bisphenol-a based epoxy resin	n.a.	n.a.	n.a.	n.a.
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	n.a.	n.a.	n.a.	n.a.
1333-86-4	Carbon black	n.a.	2B	A4	n.a.

12. Ecological Information

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified

as a hazardous waste. US EPA guidelines for the classification determination are listed

in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed. RCRA U-Series: None listed.

Contact a licensed professional waste disposal service to dispose of this material.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.

DOT Hazard Class: UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name:

UN Number:

TDG Classification: Hazard Class:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Environmentally hazardous substances, liquid, n.o.s. (Bisphenol A Epoxy Resin)

UN Number: 3082 **Packing Group:** Ш

Hazard Class: 9 - CLASS 9

IMDG MFAG Number:

IMDG EMS Page:

AIR TRANSPORT (ICAO/IATA):

Environmentally hazardous substances, liquid, n.o.s. (Bisphenol A Epoxy Resin) ICAO/IATA Shipping Name:

UN Number: 3082 **Packing Group:**

9 - CLASS 9 **Hazard Class:**

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS#	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
25068-38-6	Bisphenol-a based epoxy resin	No	No	No
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No	No	No
1333-86-4	Carbon black	No	No	No



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This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

ole (gases, aerosols, liquid, or solid) (liquid, solid or gas) stive ric (liquid or solid) ric gas	[X] Yes [] No	Skin Corre Serious e	icity (any route of expo osion or Irritation ye damage or eye irrita	,
(liquid, solid or gas) stive ric (liquid or solid) ric gas	[X] Yes [] No [X] Yes [] No	Serious e		ation
tive ric (liquid or solid) ric gas	[X] Yes [] No		ye damage or eye irrita	ation
ric (liquid or solid) ric gas		Resnirato		auon
ric gas	[] Yes [X] No	rtcspirato	ry or Skin Sensitizatior	1
G		Germ cell	mutagenicity	
	[] Yes [X] No	Carcinoge	enicity	
ting	[] Yes [X] No	Reproduc	tive toxicity	
peroxide	[] Yes [X] No	Specific to	arget organ toxicity (sir	ngle or repeated exposure)
e to metal	[] Yes [X] No	Aspiration	n Hazard	
er pressure (compressed gas)	[] Yes [X] No	Simple As	sphyxiant	
ct with water emits flammable gas	[] Yes [X] No	(Health) F	Hazard Not Otherwise (Classified (HNOC)
tible Dust				
l) Hazard Not Otherwise Classified (HNOC)				
rdous Components (Chemical Name)	Canadian N	PRI C	anadian Toxic	Canadian DSL
enol-a based epoxy resin	No	N	lo	Yes
•	No	N	lo	Yes
on black	No	N	lo	Yes
rdous Components (Chemical Name)	Other US El	PA or Sta	te Lists	
enol-a based epoxy resin	Inventory; (Oil/HazMat:	CA PROP No; MI C	.65: No; CA TAC, T CMR, Part 5: No; NO	itle 8: No; MA C TAP: No; NJ EHS:
ilica	Inventory, 8 No; MA Oil, NJ EHS: No Air: No	A, 8A PAI /HazMat: b; NY Par	IR; CA PROP.65: N No; MI CMR, Part 5 t 597: No; PA HSL:	o; CA TAC, Title 8: i: No; NC TAP: No; No; SC TAP: No; WI
on black	Inventory; (Cat. IVb, Tit TAP: No; N	CA PROP le 8; MA J EHS: N	.65: Yes: Canc.; CA Oil/HazMat: No; MI o; NY Part 597: No;	A TAC, Title 8: TAC: CMR, Part 5: No; NC
	e to metal er pressure (compressed gas)	le to metal er pressure (compressed gas) et with water emits flammable gas et water emits flammable gas enol-a based ep	e to metal er pressure (compressed gas) ct with water emits flammable gas ct with water emits flammable gas [] Yes [X] No [Health) F Simple As [] Yes [X] No [Health) F Simple As [] Yes [X] No [Health) F Canadian NPRI No	le to metal le re pressure (compressed gas) le twith water emits flammable gas litible Dust l) Hazard Not Otherwise Classified (HNOC) redous Components (Chemical Name) lenol-a based epoxy resin lenol-

16. Other Information

Revision Date: 12/02/2020

Additional Information About

This Product:

Company Policy or

Disclaimer:

The information contained in this SDS is believed to be accurate and reliable as of the date indicated. Crest Industries, Inc. assumes no legal responsibility and makes no representation, warranty or guarantee, expressed or implied, as to the completeness or accuracy of the information. It is offered solely for your consideration, investigation and verification. The user is ultimately responsible for the safe use of the material in accordance with applicable federal, state, provincial and local laws and regulations.