SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

 PRODUCT NAME:
 WEST SYSTEM[®] G/flex[®] 650 Part A Resin

 APPLICABLE PRODUCT CODES:
 650A, 650-CR, 650-ER

 CHEMICAL FAMILY:
 Epoxy resin mixture.

 INTENDED PRODUCT USES:
 Epoxy resin.

 PRODUCT RESTRICTIONS:
 None identified.

 SDS VERSION:
 650A-2022a

MANUFACTURER:

Gougeon Brothers, Inc. 100 Patterson Ave. Bay City, MI 48706, U.S.A. Phone: 866-937-8797 or 989-684-7286 www.westsystem.com

2. HAZARDS IDENTIFICATION

Classification of Substance or Mixture

Skin corrosion/irritation, Category 2 Skin sensitizer, Category 1 Eye damage/irritation, Category 2A Chronic aquatic toxicity, Category 2

Label Elements

Hazard Pictogram(s):



Signal Word: WARNING

Hazard Statements:

H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation H411 Toxic to aquatic life with long lasting effects

Precautionary Statements:

 Prevention

 P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

 P264 Wash hands thoroughly after handling.

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

 P273 Avoid release to the environment.

 P280 Wear protective gloves/protective clothing/eye protection/face protection.

 Response

 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

 Continue rinsing.

 P333 + P313 If skin irritation or rash occurs: Get medical attention/advice.

 P362 + P364 Take off contaminated clothing and wash it before re-use.

 P391 Collect spillage.

 Disposal

P501 Dispose of contents/container in accordance with local, regional and international regulations.

Other Hazards

None known.

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

INGREDIENT NAME	CAS #	CONCENTRATION (%)
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers	25085-99-8	65-85
Phenol-Formaldehyde Polymer Glycidyl Ether	28064-14-4	10-30

EMERGENCY TELEPHONE NUMBERS (24 HRS): Transportation

703-527-3887 (Internation

 The exact chemical identity and/or exact percentage (concentration) of each ingredient may be held as confidential business information (CBI). Any ingredient not disclosed in this section may have been determined not to be hazardous to health or the environment, or it may be present at a level below its disclosure threshold.

FIRST AID MEASURES

5. FIRE FIGHTING MEASURES

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS:...... Prevent from entering into soil, ditches, sewers, waterways and groundwater. See Section 12 for environmental impact information.

7. HANDLING AND STORAGE

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ADDITIONAL PROTECTIVE MEASURES: Practice good caution and personal cleanliness to avoid skin and eye contact. Avoid skin contact when removing gloves and other protective equipment. Wash thoroughly after handling. Generally speaking, working

cleanly and following basic precautionary measures will greatly minimize the potential for harmful exposure to this product under normal use conditions.

OCCUPATIONAL EXPOSURE LIMITS: Exposure limits may not be established for this product as a whole. For established exposure limits of specific ingredients in this product, or other available exposure limit information, refer to the table below.

Ingredient Name	CAS#	Exposure Limit Information
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers	25085-99-8	No data available.
Phenol-Formaldehyde Polymer Glycidyl Ether	28064-14-4	No data available.

PHYSICAL AND CHEMICAL PROPERTIES 9.

BUNGION FORM	Manager Revial
PHYSICAL FORM:	
COLOR:	
ODOR:	
ODOR THRESHOLD:	
рН	No data available
MELTING POINT / FREEZING POINT	No data available
BOILING POINT (760mm/Hg):	> 400°F (204°C) Estimated based on ingredient data.
FLASH POINT:	>200°F (93°C) Based on ASTM D92 test results from similar product.
AUTO IGNITION TEMPERATURE	No data available
LOWER EXPLOSIVE LIMIT (LEL)	No data available
UPPER EXPLOSIVE LIMIT (UEL)	No data available
VAPOR PRESSURE	No data available
SPECIFIC GRAVITY/DENSITY (water = 1)	1.17
BULK DENSITY	
VAPOR DENSITY (air = 1)	
EVAPORATIOIN RATE (Butyl Acetate = 1)	No data available
WATER SOLUBILITY (% BY WT.)	No data available
PARTITION COEFFICIENT, n-OCTANOL/WATER (log Pow)	No data available
KINEMATIC VISCOSITY:	
DECOMPOSITION TEMPERATURE:	No data available.
% VOLATILE BY WEIGHT:	ASTM D 2369-07 was used to determine the Volatile Content of mixed
epoxy resin and hardener. Refer to the hardener SDS for informatio	n about the total volatile content of the resin/hardener system.

10. STABILITY AND REACTIVITY

plus an aliphatic amine will cause irreversible polymerization with significant heat buildup. Strong acids, bases, amines and mercaptans can cause polymerization.

External heating or self-heating could result in rapid temperature increase and pressure build up. If such a condition were to occur in a drum, the drum could expand and rupture violently.

CONDITIONS TO AVOID: Avoid excessive heat.

uncontrolled exothermic reactions or when otherwise heated to decomposition.

11. TOXICOLOGICAL AND HAZARD ENDPOINT INFORMATION

Component Name	CAS#	LD ₅₀ Oral	LD ₅₀ Dermal	LC ₅₀ Inhalation
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers	25085-99-8	>15,000 mg/kg (rat)	>23,000 mg/kg (rabbit)	No data
Phenol-Formaldehyde Polymer Glycidyl Ether	28064-14-4	>2000 mg/kg	2000 mg/kg	No data
ased on acute toxicity estimation methods using ing Oral: Dermal:	redient data. No No	t classified. Does not me	eet acute oral toxicity eet acute dermal toxic	criteria. city criteria.
	redient data. No No No	t classified. Does not me t classified. Does not me t classified. Does not me	eet acute oral toxicity eet acute dermal toxic eet acute inhalation to	criteria. city criteria. oxicity criteria. If product i
ased on acute toxicity estimation methods using ing Oral: Dermal: Inhalation:	redient data. NoNo NoNo ea, dizziness and po	t classified. Does not mo t classified. Does not mo t classified. Does not mo t classified. Does not mo ssible respiratory irritati	eet acute oral toxicity eet acute dermal toxic eet acute inhalation to on if inhaled in high c	criteria. city criteria. oxicity criteria. If product i

Diglycidyl ether bisphenol-A in animal mutagenicity studies were negative. In vitro mutagenicity tests were negative in some cases and positive in others.

Many studies have been conducted to assess the potential carcinogenicity of diglycidyl ether of bisphenol-A. Although some weak evidence of carcinogenicity has been reported in animals, when all of the data are considered, the weight of evidence does not show that Diglycidyl ether bisphenol-A is carcinogenic. Indeed, the most recent review of the available data by the International Agency for Research on Cancer (IARC) has concluded that Diglycidyl ether bisphenol-A is not classified as a carcinogen.

Epichlorohydrin, an impurity in this product (<5 ppm) has been reported to produce cancer in laboratory animals and to produce mutagenic changes in bacteria and cultured human cells. It has been established by the International Agency for Research on Cancer (IARC) as a probable human carcinogen (Group 2A) based on the following conclusions: human evidence – inadequate; animal evidence – sufficient. It has been classified as an anticipated human carcinogen by the National Toxicology Program (NTP). Note: It is unlikely that normal use of this product would result in measurable exposure concentrations to this substance.

SPECIFIC TARGET ORGAN TOXICITY (Single Exposure):...... Not classified. Does not meet STOT SE criteria.

SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure): Not classified. Does not meet STOT RE criteria.

OTHER HEALTH HAZARD INFORMATION: None known.

12. ECOLOGICAL INFORMATION

CHRONIC AQUATIC TOXICITY: No specific test data available for the mixture. Calculated Estimate: Aquatic Chronic Category 2.

PERSISTANCE AND BIODEGRADABILITY: No specific test data available for the mixture.

ADDITIONAL ECOTOXICITY INFORMATION: In the liquid, uncured state, this product may be harmful to aquatic life long lasting effects. Prevent release to the environment, sewers and natural waters.

Ingredient	CAS#	Ecotoxicity Classification Information
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers	25085-99-8	Aquatic Chronic Cat. 2
Phenol-Formaldehyde Polymer Glycidyl Ether	28064-14-4	Aquatic Chronic Cat. 2

13. DISPOSAL CONSIDERATIONS

Incinerate, recycle (fuel blending) or reclaim may be preferred methods when conducted in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

US DOT	
UN NUMBER:	Not regulated.
SHIPPING NAME:	
TECHNICAL SHIPPING NAME:	
HAZARD CLASS:	
PACKING GROUP:	

ICAO/IATA UN NUMBER: SHIPPING NAME: TECHNICAL SHIPPING NAME: HAZARD CLASS: PACKING GROUP: MARINE POLLUTANT:	Environmentally hazardous substance, liquid, n.o.s. Epoxy Resin. Class 9. PG III.
IMDG UN NUMBER: SHIPPING NAME: TECHNICAL SHIPPING NAME: HAZARD CLASS: PACKING GROUP: EmS Number: MARINE POLLUTANT	Environmentally hazardous substance, liquid, n.o.s. Epoxy Resin. Class 9. PG III. F-A, S-F

15. REGULATORY INFORMATION

COUNTRY	INVENTORY LIST	STATUS	
United States	TSCA	All ingredients are listed or otherwise compliant.	
Europe	EINECS or ELINCS	All ingredients are listed or otherwise compliant.	
Canada	CEPA (DSL/NDSL)	All ingredients are listed or otherwise compliant.	
Australia	AICS	All ingredients are listed or otherwise compliant.	
Japan	ENCS	All ingredients are listed or otherwise compliant.	
South Korea	KECI	All ingredients are listed or otherwise compliant.	
China	IECSC	All ingredients are listed or otherwise compliant.	
Philippines	PICCS	All ingredients are listed or otherwise compliant.	
New Zealand	NZIoC	All ingredients are listed or otherwise compliant.	

Canada WHMIS Confidential Business Information (CBI): No data available.

US EPA SARA TITLE III Reporting and Notification Requirements:

Subject to Section 302 (TPQ)	No data available.
Subject to Section 304 (RQ)	No data available.
Subject to Section 311 or 312	Refer to the health and physical classifications in section 2.
Subject to Section 313	No data available.

STATE REGULATORY INFORMATION:

Chemicals listed below may be specifically regulated by individual states. For details on state regulatory requirements you should contact the appropriate state agency.

COMPONENT NAME

/CAS NUMBER Epichlorohydrin		STATE CODE
106-89-8	< 15ppm	¹ CA

^{1.} These substances are known to the state of California to cause cancer or reproductive harm, or both.

16. OTHER INFORMATION

REASON FOR ISSUE:	Approval date change.
PREPARED BY:	
SDS CONTACT:	
TITLE:	Health, Safety & Environmental Manager
APPROVAL DATE:	January 3, 2022
SUPERSEDES DATE:	January 15, 2019
SDS VERSION:	

OTHER HAZARD INFORMATION AND RATING SYSTEMS:

HMIS® RATING

NFPA® 704 CODES

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



Approximate HMIS and NFPA Risk Ratings Legend: 0 = Low or None; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe

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SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

 PRODUCT NAME:
 WEST SYSTEM[®] G/flex[®] 650 Part B Hardener

 APPLICABLE PRODUCT CODES:
 650B, 650-CH, 650-EH

 CHEMICAL FAMILY:
 Rubber modified-polyamine mixture.

 INTENDED PRODUCT USES:
 Curing agent for epoxy resins.

 PRODUCT RESTRICTIONS:
 None identified.

 SDS VERSION:
 650B-2022a

MANUFACTURER: Gougeon Brothers, Inc. 100 Patterson Ave. Bay City, MI 48706, U.S.A. Phone: 866-937-8797 or 989-684-7286 www.westsystem.com

EMERGENCY TELEPHONE NUMBERS (24 HRS):

Transportation

2. HAZARDS IDENTIFICATION

Classification of Substance or Mixture

Skin corrosion/irritation, Category 2 Skin sensitizer, Category 1 Eye damage/irritation, Category 1

Label Elements

Hazard Pictogram(s):



Signal Word: DANGER

Hazard Statements:

H315 Causes skin irritation H317 May cause an allergic skin reaction H318 Causes serious eye damage

Precautionary Statements:

Prevention

P261 Avoid breathing dust/fumes/gas/mists/vapors/spray

P264 Wash hands thoroughly after handling

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

P280 Wear protective gloves/protective clothing/eye protection/face protection Response

P302 + P352 IF ON SKIN: Wash with plenty of water and soap.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333 + P313 If skin irritation or rash occurs: Get medical attention/advice

P337 + P313 If eye irritation persists: Get medical attention/advice

P362 + P364 Take off contaminated clothing and wash it before reuse

Disposal

P501 Dispose of contents and container according to local, state, national and international regulations

Other Hazards

None known.

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

INGREDIENT NAME	CAS #	CONCENTRATION (%)
2-Propenenitrile, polymer with 1,3-butadiene, 1-cyano-1-methyl-4-oxo-4-[[2-(1- piperazinyl)ethyl]amino]butyl-terminated	68683-29-4	30-60
Non-hazardous	Not Available	10-30
Triethylenetetramine	112-24-3	5-10

Benzene-1,3-dimethanamine	1477-55-0	3-7
Phenol, 2,4,6-tris[(dimethylamino)methyl] reaction products with triethylenetetramine	1101788-77-5	1-5
Tris-2, 4, 6-(dimethylaminomethyl) phenol	90-72-2	1-5
Aminoethylpiperazine	140-31-8	1-5
Tetraethylenepentamine	112-57-2	1-5

The exact chemical identity and/or exact percentage (concentration) of each ingredient may be held as a trade secret. Any ingredient not disclosed may have been determined not to pose a health or environmental hazard, or may only be present in concentrations that do not require disclosure. Refer to Section 15 for additional information regarding a CBI claim.

4. FIRST AID MEASURES

5. FIRE FIGHTING MEASURES

Use full-body protective gear and a self-contained breathing apparatus. Use of water may generate toxic aqueous solutions. Do not allow water run-off from fighting fire to enter drains or other water courses.

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS: Prevent from entering into soil, ditches, sewers, waterways and groundwater. See Section 12 for environmental impact information.

7. HANDLING AND STORAGE

this product causes an exothermic reaction, which in large masses, can produce enough heat to damage or ignite surrounding materials and emit fumes and vapors that vary widely in composition and toxicity.

EXPOSURE CONTROLS/PERSONAL PROTECTION 8

exposures below established limits.

EYE PROTECTION GUIDELINES: Chemical splash-proof goggles or face shield.

butyl rubber or natural rubber) and full body-covering clothing.

below established limits, use a NIOSH approved respirator with an organic vapor cartridge, organic vapor cartridge + P100, or a multi-contaminant cartridge, depending on specific workplace conditions. Consult with your respirator and cartridge supplier to ensure proper selection of respirator and cartridge based on ingredients listed in Section 3 and specific workplace conditions. Use and select a respirator according the guidelines established in OSHA 1910.134 or other applicable respiratory protection standard.

wash. Wash thoroughly after use. Contact lens should not be worn when working with this material. Generally speaking, working cleanly and following basic precautionary measures will greatly minimize the potential for harmful exposure to this product under normal use conditions.

OCCUPATIONAL EXPOSURE LIMITS: Exposure limits may not be established for this product as a whole. For established exposure limits of specific ingredients in this product, or other available exposure limit information, refer to the table below.

Ingredient Name	CAS#	Exposure Limit Information
2-Propenenitrile, polymer with 1,3-		
butadiene, 1-cyano-1-methyl-4-oxo-4-[[2-(1-		No data available
piperazinyl)ethyl]amino]butyl-terminated	68683-29-4	
Non-hazardous	Not Available	No data available
Triethylenetetramine	112-24-3	AIHA WEEL: 1 ppm ; 6 mg/ m3; Absorbed via skin
		0.1 mg/m3 SKIN, Ceiling NIOSH; OSHA Z1A
Benzene-1,3-dimethanamine	1477-55-0	Remarks: potential for skin absorption
Phenol, 2,4,6-tris[(dimethylamino)methyl]		(Reference Triethylenetetramine, CAS# 112-24-3)
reaction products with triethylenetetramine	1101788-77-5	AIHA WEEL: 1 ppm ; 6 mg/ m3; Absorbed via skin
Tris-2, 4, 6-(dimethylaminomethyl) phenol	90-72-2	No data available
Aminoethylpiperazine	140-31-8	No data available
Tetraethylenepentamine	112-57-2	AIHA WEEL: 1 ppm ; 5 mg/ m3; SKIN, DSEN

PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM:	Viscous liquid.
COLOR:	Caramel colored.
ODOR:	Amine-like odor
ODOR THRESHOLD:	No data available.
рН	
MELTING POINT / FREEZING POINT	No data available.
BOILING POINT (760mm/Hg):	No data available.
FLASH POINT:	> 300°F(149°C) estimated based similar product.
AUTO IGNITION TEMPERATURE	No data available.
LOWER EXPLOSIVE LIMIT (LEL)	No data available.
UPPER EXPLOSIVE LIMIT (UEL)	No data available.
VAPOR PRESSURE	No data available.
SPECIFIC GRAVITY/DENSITY (water = 1)	0.97
BULK DENSITY	
VAPOR DENSITY (air = 1)	No data available.
EVAPORATIOIN RATE (Butyl Acetate = 1)	No data available.
WATER SOLUBILITY (% BY WT.)	No data available.
PARTITION COEFFICIENT, n-OCTANOL/WATER (log Pow)	No data available.
KINEMATIC VISCOSITY:	19,587 (mm²/s @ 20°C)
DECOMPOSITION TEMPERATURE:	No data available
	ASTM 2369-07 was used to determine the Volatile Matter Content of mixed
epoxy resin and hardener. The combined VOC content for the resin	and hardener system is listed below.

	VOC Content	
Resin/Hardener	<u>(g/L)</u>	(lbs/gal)
650A/650B	8.6	0.07

10. STABILITY AND REACTIVITY

mixed with an epoxy resin will cause irreversible polymerization with significant heat buildup. Strong acids can cause polymerization.

INCOMPATIBILITIES: Avoid acids, oxidizing materials, halogenated organic compounds (e.g., methylene chloride). External heating or self-heating could result in rapid temperature increase and pressure build up. If such a condition were to occur in a drum, the drum could expand and rupture violently.

decomposition. Decomposition products may include, but not limited to: oxides of carbon, oxides of nitrogen, volatile amines, ammonia, nitric acid, nitrosamines

11. TOXICOLOGICAL INFORMATION

Ingredient Name	CAS#	LD ₅₀ Oral	LD ₅₀ Dermal	LC ₅₀ Inhalation
2-Propenenitrile, polymer with 1,3-butadiene, 1- cyano-1-methyl-4-oxo-4-[[2-(1-		>15,400 mg/kg	>3000 mg/kg	No data available
piperazinyl)ethyl]amino]butyl-terminated	68683-29-4			
Non-hazardous	Not Available	No data available	No data available	No data available
Triethylenetetramine	112-24-3	1716 mg/kg	1465 mg/kg	No data
Benzene-1,3-dimethanamine	1477-55-0	980 mg/kg	2000 mg/kg	1.34 mg/l 4h mist / aerosol
Phenol, 2,4,6-tris[(dimethylamino)methyl] reaction products with triethylenetetramine	1101788-77-5	1716 mg/kg (reference Triethylenetetramine)	1465 mg/kg	No data
Tris-2, 4, 6-(dimethylaminomethyl) phenol	90-72-2	2169 mg/kg	No data available	No data available
Aminoethylpiperazine	140-31-8	2097 mg/kg	866 mg/kg	No data
Tetraethylenepentamine	112-57-2	2140 - 3990 mg/kg	660-1260 mg/kg	No data

based on acute toxicity estimation methods using ingredient data.

..... Not classified. Based on available data product does not meet Oral: acute dermal toxicity classification criteria. Ingestion may result in gastrointestinal tract discomfort. Dermal: Not classified. Based on available data product does not meet

acute dermal toxicity classification criteria.

Inhalation:..... Not classified. Based on available data product does not meet acute inhalation toxicity classification criteria.

product is not corrosive to skin tissue; however, a component in this product is classified as a 1B corrosive.

IS EYE DAMAGE / IRRITATION: Category 1. Causes serious eye damage.

meet classification criteria.

classification criteria.

classification criteria. A component in this product, aminoethylpiperazine (CAS# 140-31-8), showed positive mutagenic effectsj in Sister Chromatid Excange in in-vitro testing, but showed no mutagenic activity in the Ames test, mouse lymphoma (in vitro), or in-vivo micronucleus test (mice) assavs.

classification criteria.

SPECIFIC TARGET ORGAN TOXICITY (Single Exposure):...... No classified. Based on available data this product does not meet classification criteria. However, it is anticipated that inhalation of concentrated vapors or fumes from heated product may cause irritation to the respiratory track and central nervous system effects.

SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure): Not classified. Based on available data this product does not meet classification criteria.

classification criteria.

OTHER HEALTH HAZARD INFORMATION: None known.

12. ECOLOGICAL INFORMATION

Estimate: Not classified. Does not meet acute aquatic toxicity classification criteria. Avoid release to the environment.

CHRONIC AQUATIC TOXICITY:	No specific test data available for the mixture. Calculated
Estimate: Not classified. Does not meet chronic aquatic toxicity cla	ssification criteria. Avoid release to the environment.

PERSISTANCE AND BIODEGRADABILITY:	No specific test data available for the mixture.
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ADDITIONAL ECOTOXICITY INFORMATION: In the liquid, uncured state, this product may be harmful to aquatic life. Prevent release to the environment, sewers and natural waters.

Ingredient	CAS#	Ecotoxicity Classification Information
2-Propenenitrile, polymer with 1,3-butadiene, 1-cyano-1- methyl-4-oxo-4-[[2-(1-piperazinyl)ethyl]amino]butyl- terminated	68683-29-4	No data available
Non-hazardous	Not Available	No data available
Triethylenetetramine	112-24-3	Aquatic Chronic Cat. 3
Benzene-1,3-dimethanamine	1477-55-0	Acute Aquatic Cat. 3; Chronic Aquatic Cat. 3
Phenol, 2,4,6-tris[(dimethylamino)methyl] reaction products with triethylenetetramine	1101788-77-5	(Reference Triethylenetetramine); Aquatic Chronic Cat.
Tris-2, 4, 6-(dimethylaminomethyl) phenol	90-72-2	Acute Aquatic 3; Chronic Aquatic Cat. 3
Aminoethylpiperazine	140-31-8	Acute Aquatic Cat. 3; Chronic Aquatic Cat. 3
Tetraethylenepentamine	112-57-2	Aquatic Acute Cat. 2; Aquatic Chronic Cat. 2

13. DISPOSAL CONSIDERATIONS

hazardous waste, either by listing or characteristics, in its purchased form. It is the responsibility of the user to determine proper disposal methods.

Incinerate, recycle (fuel blending) or reclaim may be preferred methods when conducted in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

US DOT UN NUMBER: SHIPPING NAME: TECHNICAL SHIPPING NAME: HAZARD CLASS: PACKING GROUP: MARINE POLLUTANT:	Not applicable. Not applicable. Not applicable. Not applicable. Not applicable.
	Not regulated

C,	٩N	IA	DF	۱ ۸	DC	-
1.15					. .	

UN NUMBER:	Not regulated.
SHIPPING NAME:	Not applicable.
TECHNICAL SHIPPING NAME:	
HAZARD CLASS:	Not applicable.
PACKING GROUP:	
MARINE POLLUTANT:	Not applicable.

IMDG

UN NUMBER:	Not regulated.
SHIPPING NAME:	Not applicable.
TECHNICAL SHIPPING NAME:	Not applicable.
HAZARD CLASS:	Not applicable.
PACKING GROUP:	
EmS Number:	Not applicable.
MARINE POLLUTANT	

ICAO/IATA

UN NUMBER:	Not regulated.
SHIPPING NAME:	
TECHNICAL SHIPPING NAME:	
HAZARD CLASS:	
PACKING GROUP:	
MARINE POLLUTANT:	Not applicable.

15. REGULATORY INFORMATION

WEST SYSTEM® G/flex® 650 Part B Hardener

COUNTRY	INVENTORY LIST	STATUS
United States	TSCA	All ingredients are listed or otherwise compliant.
Europe	EINECS or ELINCS	No data available on CAS# 1101788-77-5. All other ingredients are listed or otherwise compliant.
Canada	CEPA (DSL/NDSL)	CAS# 1101788-77-5 listed on NDSL only. All other ingredients are listed or otherwise compliant.
Australia	AICS	No data available on CAS# 1101788-77-5. All ingredients are listed or otherwise compliant.
Japan	ENCS	No data available on CAS# 1101788-77-5. All ingredients are listed or otherwise compliant.
South Korea	KECI	No data available on CAS# 1101788-77-5. All ingredients are listed or otherwise compliant.
China	IECSC	All ingredients are listed or otherwise compliant. Notification registration complete for CAS# 1101788-77-5.
Philippines	PICCS	No data available on CAS# 1101788-77-5. All ingredients are listed or otherwise compliant.

US EPA TSCA Requirements: No data available.

Canada WHMIS Confidential Business Information (CBI): No data available.

US EPA SARA TITLE III Reporting and Notification Requirements:

Subject to Section 302 (TPQ)	No data available.
Subject to Section 304 (RQ)	No data available.
Subject to Section 313	

US STATE REGULATORY INFORMATION:

The following chemicals may be specifically regulated by individual states. For details on state regulatory requirements you should contact the appropriate state agency.

COMPONENT NAME /CAS NUMBER	STATE CODE
Tris-2, 4, 6-(dimethylaminomethyl) phenol	
90-72-2	PA, NJ
Triethylenetetramine	
112-14-3	PA, MA, NJ
Tetraethylenepentamine	
112-57-2	PA, MA, NJ
Benzene-1,3-dimethanamine	
1477-55-0	MA, PA, NJ
Aminoethylepiperazine	
140-31-8	MA, PA, NJ

16. OTHER INFORMATION

REASON FOR ISSUE:	Update to Section 15.
PREPARED BY:	
SDS CONTACT:	safety@gougeon.com
TITLE:	
APPROVAL DATE:	January 3, 2022
SUPERSEDES DATE:	January 15, 2019
SDS VERSION:	

OTHER HAZARD INFORMATION AND RATING SYSTEMS:

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 Information in this document is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Gougeon Brothers, Inc. The data on this sheet is related only to the specific material designated herein. Gougeon Brothers, Inc. assumes no legal responsibility for use or reliance upon these data.