



Safety Data Sheet

6702 Part A

Section 1. Identification

Product Identifier 6702 Part A
Synonyms N/A
Manufacturer Stock Numbers N/A

Recommended use N/A
Uses advised against N/A

Manufacturer Contact

Address
Resin Formulators
18027 Bishop Avenue
Carson, CA, 90746
USA

Phone
(310) 204-6159

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(310) 202-7247

Email
sales@evroberts.com

Website
<http://www.evroberts.com>

Section 2. Hazards Identification

Classification ACUTE TOXICITY - ORAL - Category 4
EYE DAMAGE/IRRITATION - Category 2A
SENSITIZATION - SKIN - Category 1
SKIN CORROSION/IRRITATION - Category 2
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3

Signal Word Warning

Pictogram



Hazard Statements

Can cause severe irritation or burns on the skin
Causes serious eye irritation
Harmful if swallowed
May cause an allergic skin reaction
May cause respiratory irritation; or May cause drowsiness or dizziness

Precautionary Statements

Response

Call a poison center/doctor/ ... /if you feel unwell.
If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If on clothing: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
If on skin: Wash with plenty of water/ ...
If skin irritation or rash occurs: Get medical advice/attention.
If swallowed: Call a poison center/doctor/ ... / if you feel unwell.
Remove victim to fresh air and keep at rest in a position comfortable for breathing
Rinse mouth.
Specific treatment (see ... on this label)
Wash contaminated clothing before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Do not eat, drink or smoke when using this product.
In case of inadequate ventilation wear respiratory protection.
Use only outdoors or in a well-ventilated area.
Wash ...thoroughly after handling.
Wear eye protection/face protection.
Wear protective Butyl Gloves, Face Shield, Eye Bath and Safety Shower.
Wear protective gloves.

Storage

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal

Dispose of contents/container to ...

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
65997-17-3	Glass, oxide, chemicals	5-10 %
7429-90-5	Aluminum	30-40 %
5026-74-4	Oxiranemethanamine, N-[4-(oxiranylmethoxy)phenyl]-N-(oxiranylmethyl)-	30-40 %
28064-14-4	Phenol, polymer with formaldehyde, glycidyl ether	20-30 %
112945-52-5	Silica Fumes	1-5 %
67762-90-7	Siloxanes and Silicones, di-Me, reaction products with silica	1-5 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Additional Information

Inhalation: If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention.

Skin contact: Remove contaminated clothing and footwear. Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention.

Eye contact: In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

Ingestion: Get immediate medical attention. Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Symptoms: See Section 11.

Notes to physician: Treat symptomatically and supportively.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Special firefighting procedures: Wear full protective clothing. Wear self-contained breathing apparatus.

Unusual fire or explosion hazards: May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses.

Hazardous combustion products: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Unsuitable Extinguishing Media

N/A

Section 6. Accidental Release Measures

Additional Information

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways.

Section 7. Handling and Storage

Additional Information

Handling: For the Part A plus Part B adhesive mixture, follow curing schedule as recommended in product literature. Do not heat Part A at temperatures greater than 80 °C (176 °F). This material may self-react at higher temperatures and cause an exotherm. The exotherm has the potential for release of excessive energy and toxic gasses. Empty containers retain product residue, so obey hazard warnings and handle empty containers as if they were full.

Storage: For safe storage, store between 0 °C (32°F) and 5 °C (41°F) Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Refrigerated storage is recommended to maintain product quality.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Glass, oxide, chemicals	N/A	N/A	N/A
Aluminum	10 mg/m3 TWA	15 mg/m3 TWA	N/A
		(total) 5 mg/m3 (respirable) dust	
Oxiranemethanamine, N-[4-(oxiranylmethoxy)phenyl]-N-(oxiranylmethyl)-	N/A	N/A	N/A
Phenol, polymer with formaldehyde, glycidyl ether	N/A	N/A	N/A
Silica Fumes	N/A	N/A	N/A
Siloxanes and Silicones, di-Me, reaction products with silica	N/A	N/A	N/A

Personal Protective Equipment

Additional Information

Goggles, Gloves

Engineering controls: Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

Respiratory protection: When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved respiratory protection must be provided.
 Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended.

Section 9. Physical and Chemical Properties

Physical State	Solid
Color	Gray
Odor	Slight
Odor Threshold	N/A
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
pH	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Section 10. Stability and Reactivity

Additional Information

Stability: Stable at normal conditions.

Hazardous reactions: May occur.

Hazardous decomposition products:

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen.

Incompatible materials: Keep away from strong oxidizing agents, strong Lewis or mineral acids.

Reactivity: Not available.

Conditions to avoid: Avoid mixing resin (Part A) and curing agent (Part B) unless

you plan to use immediately. Do not heat mixed adhesive unless curing surfaces to be bonded. Failure to observe these precautions may result in excessive heat build-up causing an exotherm.

Section 11. Toxicological Information

Additional Information Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation. Skin contact: This product may cause irritation to the skin. This product may cause an allergic skin reaction. Eye contact: This product may cause irritation to the eyes. Ingestion: Not a relevant route of exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Section 12. Ecological Information

Additional Information Ecological information: Toxic to aquatic organisms

Section 13. Disposal

Additional Information Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

Hazardous waste number: Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA.

Section 14. Transport Information

UN Number N/A

UN Proper Shipping Name N/A

DOT Classification N/A

Packing Group N/A

Additional Information International Air Transportation (ICAO/IATA) Proper shipping name: Environmentally hazardous substance, solid, n.o.s. (Triglycidyl-p-aminophenol, Bisphenol-F Epichlorhydrin resin) Hazard class or division: 9 Identification number: UN 3077 Packing group: III

Section 15. Regulatory Information

Additional Information United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory. TSCA 12 (b) Export Notification: Triglycidyl-p-aminophenol (CAS# 5026-74-4).

CERCLA/SARA Section 302 EHS: None above reporting de minimis.
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health
CERCLA/SARA Section 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Aluminum (CAS# 7429-90-5).

California Proposition 65: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. This product contains a chemical known in the State of California to cause cancer.

Section 16. Other Information

Revision Date

9/27/2018

Disclaimer

The information contained herein is believed to be accurate. It is provided independently of any sale of the product for purpose of hazard communication as part of E.V. Roberts' product safety program. It is not intended to constitute performance information concerning the product. No warranty, expressed or implied, or merchantability or fitness for a particular purpose is made with respect to the product or the information contained herein.

To determine applicability or effects of any law or regulation with respect to the product, user should consult his legal advisor or the appropriate government agency. E.V. Roberts does not undertake to furnish advice on such matters.



Safety Data Sheet

6702 Part B

Section 1. Identification

Product Identifier 6702 Part B
Synonyms N/A
Manufacturer Stock Numbers N/A

Recommended use N/A
Uses advised against N/A

Manufacturer Contact

Address Resin Formulators
18027 Bishop Avenue
Carson, CA, 90746
USA

Phone
(310) 204-6159

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(310) 202-7247

Email
sales@evroberts.com

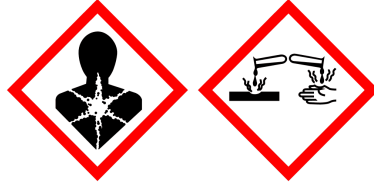
Website
<http://www.evroberts.com>

Section 2. Hazards Identification

Classification ACUTE TOXICITY - ORAL - Category 4
EYE DAMAGE/IRRITATION - Category 2A
SENSITIZATION - RESPIRATORY - Category 1
SENSITIZATION - SKIN - Category 1
SKIN CORROSION/IRRITATION - Category 1B
SKIN CORROSION/IRRITATION - Category 2

Signal Word Danger

Pictogram



Hazard Statements

Can cause severe irritation or burns on the skin
Causes serious eye irritation
Causes severe skin burns and eye damage
Harmful if swallowed
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction

Precautionary Statements

Response

If experiencing respiratory symptoms: Call a poison center/doctor/ ...
If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If on clothing: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If on skin: Wash with plenty of water/ ...
If skin irritation or rash occurs: Get medical advice/attention.
If swallowed: Call a poison center/doctor/ ... / if you feel unwell.
If swallowed: Rinse mouth. Do NOT induce vomiting.
Immediately call a poison center/doctor/ ...
Remove victim to fresh air and keep at rest in a position comfortable for breathing
Rinse mouth.
Specific treatment (see ... on this label)
Wash contaminated clothing before reuse.

Prevention

Avoid breathing dust/fume/gas/mist/ vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Do not breathe dust/fume/gas/mist/ vapors/spray.
Do not eat, drink or smoke when using this product.
In case of inadequate ventilation wear respiratory protection.
Wash ...thoroughly after handling.
Wear eye protection/face protection.
Wear protective Butyl Gloves, Face Shield, Eye Bath and Safety Shower.
Wear protective gloves.
Wear protective gloves/protective clothing/eye protection/face protection.

Storage

Store locked up.

Disposal

Dispose of contents/container to ...

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
68082-29-1	Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethy	60-100 %
111-40-0	1,2-Ethanediamine, N-(2-aminoethyl)-	10-30 %
112-24-3	1,2-Ethanediamine, N,N'-bis(2-aminoethyl)-	1-5 %

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Additional Information

Inhalation: If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention.

Skin contact: Remove contaminated clothing and footwear. Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention.

Eye contact: In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

Ingestion: Get immediate medical attention. Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Symptoms: See Section 11.

Notes to physician: Treat symptomatically and supportively.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Special firefighting procedures: Wear full protective clothing. Wear self-contained breathing apparatus.

Unusual fire or explosion hazards: May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses.

Hazardous combustion products: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Unsuitable Extinguishing Media

N/A

Section 6. Accidental Release Measures

Additional Information Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways.

Section 7. Handling and Storage

Additional Information Handling: For the Part A plus Part B adhesive mixture, follow curing schedule as recommended in product literature. Do not heat Part A at temperatures greater than 80 °C (176 °F). This material may self-react at higher temperatures and cause an exotherm. The exotherm has the potential for release of excessive energy and toxic gasses. Empty containers retain product residue, so obey hazard warnings and handle empty containers as if they were full.

Storage: For safe storage, store between 0 °C (32°F) and 5 °C (41°F) Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Refrigerated storage is recommended to maintain product quality.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethy	N/A	N/A	N/A
	1,2-Ethanediamine, N-(2-aminoethyl)-	1 ppm, 4mg/m ³ Time Weighted Average (TWA)	N/A	N/A
	1,2-Ethanediamine, N,N'-bis(2-aminoethyl)-	N/A	1 ppm, skin, TWA 6 mg/m ³ , inhalation	N/A

Personal Protective Equipment Goggles, Gloves

Additional Information Engineering controls: Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

Respiratory protection: When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved respiratory protection must be provided.
Eye/face protection: Safety goggles or safety glasses with side shields.

Skin protection: Wear impervious gloves for prolonged contact. Use of

impervious apron and boots are recommended.

Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Amber
Odor	ammoniacal
Odor Threshold	N/A
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
pH	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

Section 10. Stability and Reactivity

Additional Information

Stability: Stable at normal conditions.

Hazardous reactions: May occur.

Hazardous decomposition products:

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen.

Incompatible materials: Keep away from strong oxidizing agents, strong Lewis or mineral acids.

Reactivity: Not available.

Conditions to avoid: Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately. Do not heat mixed adhesive unless curing

surfaces to be bonded. Failure to observe these precautions may result in excessive heat build-up causing an exotherm.

Section 11. Toxicological Information

Additional Information Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation. Skin contact: This product may cause irritation to the skin. This product may cause an allergic skin reaction. Eye contact: This product may cause irritation to the eyes. Ingestion: Not a relevant route of exposure. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Section 12. Ecological Information

Additional Information Ecological information: Toxic to aquatic organisms

Section 13. Disposal

Additional Information Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

Hazardous waste number: Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA.

Section 14. Transport Information

UN Number 2735

UN Proper Shipping Name Amines, liquid, corrosive, n.o.s. (Diethylenetriamine, Triethylenetetramine)

DOT Classification 8

Packing Group II

Additional Information International Air Transportation (ICAO/IATA) Proper shipping name: Amines, liquid, corrosive, n.o.s. (Diethylenetriamine, Triethylenetetramine) Hazard class or division: 8 Identification number: UN 2735 Packing group: II

Section 15. Regulatory Information

Additional Information United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory. TSCA 12 (b) Export Notification: None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis.

CERCLA/SARA Section 311/312: Immediate Health, Delayed Health
CERCLA/SARA Section 313: None above reporting de minimis.

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

Section 16. Other Information

Revision Date

9/27/2018

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