



CBF-100 Conductive Body Filler
SDS Preparation Date (mm/dd/yyyy): 11/21/2014

Product Code(s): CBF-100
Page 1 of 13

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product identifier used on the label

: **CBF-100 Conductive Body Filler**

Product Code(s) : CBF-100

Recommended use of the chemical and restrictions on use

: Sheet metal body filler.
Use pattern: professional use
No restrictions on use known.

Chemical family : Mixture of: Epoxy resin; Inorganic substances in powdered form; Ether

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:

Midwest Thermal Spray

23164 Commerce Drive
Farmington Hills, Michigan, U.S.A.
48335

Contact: David Sartor

Email: ds@midwestthermal.com

Information Telephone # : (248) 442-6540 (8 am to 4 pm, EST)

24 Hr. Emergency Tel # : (810) 602-0394

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Black paste. Slight odour.

Most important hazards:

OSHA Information: This material is classified as hazardous under OSHA regulations (29CFR 1910.1200) (Hazcom 2012).

Classification:

Skin irritation - Category 2;
Eye damage/irritation - Category 2A;
Skin sensitization - Category 1;
Carcinogenicity - Category 2

Label elements

Signal Word

Warning!

Hazard statement(s)

Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
Suspected of causing cancer.

SAFETY DATA SHEET

Precautionary statement(s)

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid breathing dust, fume or vapors.
Wash hands and face thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/clothing and eye/face protection.

IF exposed or concerned: Get medical attention/advice.
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local regulation.

Hazard pictogram(s)



Other hazards

Other hazards which do not result in classification:

Toxic fumes may be released during a fire. Reacts with air to form peroxides. Rate of peroxide formation is not known. Excessive heating above 260°C / 500°F may degrade the resin component. If product is heated or mists are formed, inhalation may cause irritation to the nose, throat and respiratory tract. May cause an allergic respiratory reaction (e.g. asthma) in some hypersensitive individuals. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Environmental precautions:

Contains material that may be harmful in the environment. Avoid release to the environment. See ECOLOGICAL INFORMATION, Section 12.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS #</u>	<u>Concentration</u>
Bisphenol A / epichlorohydrin resin	25068-38-6	51.0%
Graphite	7782-42-5	30.7%
p-tert-butylphenyl 1-(2,3-epoxy)propyl ether	3101-60-8	11.0%
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2-methylimidazole	68002-42-6	5.0%
Epichlorohydrin Polyglycol Resin Polymer	41638-13-5	2.0%
Carbon black	1333-86-4	0.3%

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

- Ingestion* : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.
- Inhalation* : If breathed in, move person into fresh air. If breathing has stopped, give artificial respiration. IF exposed or concerned: Get medical attention/advice.



CBF-100 Conductive Body Filler

Product Code(s): CBF-100

SDS Preparation Date (mm/dd/yyyy): 11/21/2014

Page 3 of 13

SAFETY DATA SHEET

- Skin contact* : IF ON SKIN: Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs, seek medical advice/attention. Wash contaminated clothing before reuse.
- Eye contact* : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Most important symptoms and effects, both acute and delayed

- : Causes skin irritation. Contact may cause redness, swelling and a painful sensation. Causes serious eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis. May cause severe skin sensitization with allergic contact dermatitis symptoms such as swelling, rash and eczema. Suspected of causing cancer. Contains particles which may cause lung damage or cancer if inhaled in large quantities. If product is heated or mists are formed, inhalation may cause irritation to the nose, throat and respiratory tract. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Indication of any immediate medical attention and special treatment needed

- : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

- : Foam; Dry chemical; Water spray; Carbon dioxide (CO₂).

Unsuitable extinguishing media

- : Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture

- : Not flammable under normal conditions of use. Excessive heating above 50°C / 122°F may degrade the resin component. The pressure in sealed containers can increase under the influence of heat.

Flammability classification (OSHA 29 CFR 1910.106)

- : Not flammable under normal conditions of handling.

Hazardous combustion products

- : Carbon oxides; Nitrogen oxides (NO_x); Aldehydes; Phenol; sulfur oxides

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters

- : Fight fire with normal precautions from a reasonable distance. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Special fire-fighting procedures

- : Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- : Keep people away from and upwind of spill/leak. All persons dealing with the clean-up should wear the appropriate personal protective equipment. Refer to protective measures listed in sections 7 and 8.

Environmental precautions : Do not allow material to contaminate ground water system.

Methods and material for containment and cleaning up

- : Ventilate the area. Prevent further leakage or spillage if safe to do so. Remove all sources of ignition. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Contact the proper local authorities. Clean contaminated floors and objects thoroughly while observing environmental regulations.



CBF-100 Conductive Body Filler
SDS Preparation Date (mm/dd/yyyy): 11/21/2014

Product Code(s): CBF-100
Page 4 of 13

SAFETY DATA SHEET

Special spill response procedures

- : If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).
US CERCLA Reportable quantity (RQ): None.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

- : Persons with recurrent skin eczema or sensitization problems should be excluded from working with this product. Once a person is sensitized, no further exposure to the material that caused the sensitization should be permitted.
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
Use only in well-ventilated areas. Wear suitable protective equipment. Wear protective gloves and eye/face protection. Avoid breathing fumes or vapors. Avoid contact with skin, eyes and clothing. Keep away from extreme heat and direct flame. Keep away from incompatibles. Keep containers closed when not in use. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

- Conditions for safe storage** : Store in cool/well-ventilated place. Keep away from heat. Inspect periodically for damage or leaks. Protect against physical damage. Store away from incompatible materials. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Store locked up.

- Incompatible materials** : Strong oxidizing agents; Acids; Bases; Amines.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:				
<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Bisphenol A / epichlorohydrin resin	N/Av	N/Av	N/Av	N/Av
Graphite	2 mg/m ³ (all forms except graphite fibers, respirable fraction)	N/Av	15 mg/m ³ (total dust); 5 mg/m ³ (respirable) (PNOR)	N/Av
p-tert-butylphenyl 1-(2,3-epoxy)propyl ether	N/Av	N/Av	N/Av	N/Av
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2-methylimidazole	N/Av	N/Av	N/Av	N/Av
Epichlorohydrin Polyglycol Resin Polymer	N/Av	N/Av	N/Av	N/Av
Carbon black	3 mg/m ³ (inhalable)	N/Av	3.5 mg/m ³	N/Av

Exposure controls

Ventilation and engineering measures

- : Use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.



CBF-100 Conductive Body Filler

Product Code(s): CBF-100

SDS Preparation Date (mm/dd/yyyy): 11/21/2014

Page 5 of 13

SAFETY DATA SHEET

- Respiratory protection** : Respirators may be used when engineering and work practice controls are not technically feasible, or when they fail and need to be supplemented. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134). Advice should be sought from respiratory protection specialists.
- Skin protection** : Wear protective gloves/clothing. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Wear sufficient clothing to prevent skin contact. Advice should be sought from glove suppliers.
- Eye / face protection** : Wear eye/face protection. Wear as appropriate: Tightly fitting safety goggles A full face shield may also be necessary.
- Other protective equipment** : Ensure that eyewash stations and safety showers are close to the workstation location. Other equipment may be required depending on workplace standards.
- General hygiene considerations** : Avoid breathing fumes or vapors. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practice. Contaminated work clothing should not be allowed out of the workplace.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Black paste.
- Odour** : slight
- Odour threshold** : N/Av
- pH** : N/Av
- Melting/Freezing point** : N/Av
- Initial boiling point and boiling range** : > 437°F (225°C) (based on ingredients)
- Flash point** : 250°F (121.11°C)
- Flashpoint (Method)** : Setaflash Closed Tester
- Evaporation rate (BuAe = 1)** : N/Av
- Flammability (solid, gas)** : Not considered flammable.
- Lower flammable limit (% by vol.)** : N/Av
- Upper flammable limit (% by vol.)** : N/Av
- Oxidizing properties** : None.
- Explosive properties** : Not explosive
- Vapour pressure** : < 1 mmHg @ 25°C
- Vapour density** : N/Av
- Relative density** : 1.27
- Solubility in water** : insoluble
- Other solubility(ies)** : N/Av
- Partition coefficient: n-octanol/water** : N/Av
- Auto-ignition temperature** : N/Av
- Decomposition temperature** : N/Av
- Viscosity** : N/Av
- Volatiles (% by weight)** : < 10%
- Volatile organic Compounds (VOC's)** : 15.6 g/L
- Absolute pressure of container** : N/Av
- Flame projection length** : N/Av



CBF-100 Conductive Body Filler
SDS Preparation Date (mm/dd/yyyy): 11/21/2014

Product Code(s): CBF-100
Page 6 of 13

SAFETY DATA SHEET

Other physical/chemical comments

: No additional information.

SECTION 10. STABILITY AND REACTIVITY

- Reactivity** : Not normally reactive. Reacts with air to form peroxides. Rate of peroxide formation is not known.
- Chemical stability** : Stable under normal conditions. Excessive heating above 50°C / 122°F may degrade the resin component.
- Possibility of hazardous reactions** : Hazardous polymerization does not occur.
- Conditions to avoid** : Incompatible products. Do not use in areas without adequate ventilation. Avoid heat and open flame.
- Incompatible materials** : Strong oxidizing agents; Acids; Bases; Amines.
- Hazardous decomposition products** : None known, refer to hazardous combustion products in Section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

- Routes of entry inhalation** : YES
- Routes of entry skin & eye** : YES
- Routes of entry Ingestion** : YES
- Routes of exposure skin absorption** : NO

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation

- : If product is heated or mists are formed, inhalation may cause irritation to the nose, throat and respiratory tract.

Sign and symptoms ingestion

- : Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Sign and symptoms skin

- : May cause moderate skin irritation. Contact may cause redness, swelling and a painful sensation.

Sign and symptoms eyes

- : Causes serious eye irritation. Symptoms may include redness, pain, tearing and conjunctivitis.

Potential Chronic Health Effects

- : If dusts are formed, inhalation may cause adverse lung effects.

Mutagenicity

- : Not expected to be mutagenic in humans.

Carcinogenicity

- : This material is classified as hazardous under OSHA regulations (29CFR 1910.1200) (Hazcom 2012). Classification: Carcinogenicity - Category 2. Suspected of causing cancer. This product contains Carbon black, an IARC Group 2B carcinogen. No other components are classified as carcinogenic by IARC, ACGIH, OSHA or NTP.

Reproductive effects

- : Not expected to cause reproductive effects.

Senitization to material

- : This material is classified as hazardous under OSHA regulations (29CFR 1910.1200) (Hazcom 2012). Classification: Skin sensitization - Category 1. May cause allergic skin reaction. May cause severe skin sensitization with allergic contact dermatitis symptoms such as swelling, rash and eczema.



CBF-100 Conductive Body Filler

Product Code(s): CBF-100

SDS Preparation Date (mm/dd/yyyy): 11/21/2014

Page 7 of 13

SAFETY DATA SHEET

Specific target organ effects : The substance or mixture is not classified as specific target organ toxicant, single exposure.
The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Medical conditions aggravated by overexposure

: Pre-existing skin, eye and respiratory disorders.

Toxicological data

: The calculated ATE values for this mixture are:

ATE oral = 125 000 mg/kg

ATE dermal = 125 000 mg/kg

See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC₅₀(4hr)</u> <u>inh, rat</u>	<u>LD₅₀</u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Bisphenol A / epichlorohydrin resin	N/Av	11 400 mg/kg	> 23 500 mg/kg
Graphite	> 64.4 mg/L	> 10 000 mg/kg	N/Av
p-tert-butylphenyl 1-(2,3-epoxy)propyl ether	N/Av	> 2000 mg/kg	> 2000 mg/kg
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2-methylimidazole	N/Av	> 2000 mg/kg	> 2000 mg/kg
Epichlorohydrin Polyglycol Resin Polymer	N/Av	> 2000 mg/kg	> 2000 mg/kg
Carbon black	6750 mg/m ³	> 15 400 mg/kg	> 3000 mg/kg

Other important toxicological hazards

: None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

: No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters. The product contains the following substances which are hazardous for the environment: Bisphenol A / epichlorohydrin resin; p-tert-butylphenyl 1-(2,3-epoxy)propyl ether; Epichlorohydrin Polyglycol Resin Polymer.

See the following tables for individual ingredient ecotoxicity data.



CBF-100 Conductive Body Filler

Product Code(s): CBF-100

SDS Preparation Date (mm/dd/yyyy): 11/21/2014

Page 8 of 13

SAFETY DATA SHEET

Ecotoxicity data:

Ingredients	CAS No	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Bisphenol A / epichlorohydrin resin	25068-38-6	2.3 mg/L (Rainbow trout) (ECHA)	N/Av	None.
Graphite	7782-42-5	> 100 mg/L (Zebra fish) (ECHA)	N/Av	None.
p-tert-butylphenyl 1-(2,3-epoxy)propyl ether	3101-60-8	7.5 mg/L (Rainbow trout) (ECHA)	N/Av	None.
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2-methylimidazole	68002-42-6	> 160 mg/L (Rainbow trout) (ECHA)	N/Av	None.
Epichlorohydrin Polyglycol Resin Polymer	41638-13-5	67 mg/L (Golden orfe) (literature)	N/Av	None.
Carbon black	1333-86-4	> 1000 mg/L (Zebra fish) (OECD)	N/Av	None.

Ingredients	CAS No	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Bisphenol A / epichlorohydrin resin	25068-38-6	1.1 mg/L (Daphnia magna) (ECHA)	0.3 mg/L (Read-across)	None.
Graphite	7782-42-5	> 100 mg/L (Daphnia magna) (ECHA)	N/Av	None.
p-tert-butylphenyl 1-(2,3-epoxy)propyl ether	3101-60-8	67.9 mg/L (Daphnia magna) (ECHA)	N/Av	None.
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2-methylimidazole	68002-42-6	> 100 mg/L (Daphnia magna) (ECHA)	N/Av	None.
Epichlorohydrin Polyglycol Resin Polymer	41638-13-5	90 mg/L (Daphnia magna) (literature)	N/Av	None.
Carbon black	1333-86-4	> 5600 mg/L (Daphnia magna) (OECD)	N/Av	None.

Ingredients	CAS No	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Bisphenol A / epichlorohydrin resin	25068-38-6	13.81 mg/L/72hr (Green algae) (ECHA)	N/Av	None.
Graphite	7782-42-5	> 100 mg/L/72hr (Green algae) (ECHA)	N/Av	None.
p-tert-butylphenyl 1-(2,3-epoxy)propyl ether	3101-60-8	9 mg/L/72hr (Green algae) (ECHA)	N/Av	None.
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2-methylimidazole	68002-42-6	> 100 mg/L/72hr (Green algae) (ECHA)	N/Av	None.
Epichlorohydrin Polyglycol Resin Polymer	41638-13-5	N/Av	N/Av	None.
Carbon black	1333-86-4	> 10 000 mg/L/72hr (Green algae) (OECD)	N/Av	None.



CBF-100 Conductive Body Filler
SDS Preparation Date (mm/dd/yyyy): 11/21/2014

Product Code(s): CBF-100
Page 9 of 13

SAFETY DATA SHEET

Persistence and degradability

: The product itself has not been tested.
Contains the following chemicals which are not readily biodegradable: Bisphenol A / epichlorohydrin resin; p-tert-butylphenyl 1-(2,3-epoxy)propyl ether; Epichlorohydrin Polyglycol Resin Polymer.

Bioaccumulation potential : The product itself has not been tested.

Mobility in soil : The product itself has not been tested.

Other Adverse Environmental effects

: None known.




SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal : Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

Methods of Disposal : Dispose in accordance with all applicable federal, state, territory and local regulations.

RCRA : If the product becomes a waste, it may meet the criteria of a hazardous waste according to the US RCRA Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14. TRANSPORTATION INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	None.	Not regulated.	not regulated	none	
49CFR/DOT Additional information	Not regulated unless shipping internationally by sea. If shipping containers by sea, refer to IMDG shipping information.				
ICAO/IATA	UN3077	Environmentally hazardous substance, solid, n.o.s. (Epoxy resin; p-tert-butylphenyl 1-(2,3-epoxy)propyl ether)	9	III	
ICAO/IATA Additional information	Refer to the appropriate Packing Instruction, prior to shipping this material. Review all State and Operator Variations, prior to shipping this material.				
IMDG	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Epoxy resin; p-tert-butylphenyl 1-(2,3-epoxy)propyl ether)	9	III	
IMDG Additional information	May be shipped as Limited Quantity when transported in containers no larger than 5.0 kg; in packages not exceeding 30 kg gross mass.				

Special precautions for user : Appropriate advice on safety must accompany the package.

Environmental hazards : This product meets the criteria for an environmentally hazardous material according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: This information is not available.

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:



CBF-100 Conductive Body Filler

Product Code(s): CBF-100

SDS Preparation Date (mm/dd/yyyy): 11/21/2014

Page 10 of 13

SAFETY DATA SHEET

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Bisphenol A / epichlorohydrin resin	25068-38-6	Yes	None.	None.	No	N/Ap
Graphite	7782-42-5	Yes	None.	None.	No	N/Ap
p-tert-butylphenyl 1-(2,3-epoxy)propyl ether	3101-60-8	Yes	None.	None.	No	N/Ap
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2-methylimidazole	68002-42-6	Yes	None.	None.	No	N/Ap
Epichlorohydrin Polyglycol Resin Polymer	41638-13-5	Yes	None.	None.	No	N/Ap
Carbon black	1333-86-4	Yes	None.	None.	No	N/Ap

SARA TITLE III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes: Acute Health Hazard; Chronic Health Hazard. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Bisphenol A / epichlorohydrin resin	25068-38-6	No	N/Ap	No	No	No	No	No	No
Graphite	7782-42-5	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
p-tert-butylphenyl 1-(2,3-epoxy)propyl ether	3101-60-8	No	N/Ap	No	No	No	No	No	No
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2-methylimidazole	68002-42-6	No	N/Ap	No	No	No	No	No	No
Epichlorohydrin Polyglycol Resin Polymer	41638-13-5	No	N/Ap	No	No	No	No	No	No
Carbon black	1333-86-4	Yes	Cancer	Yes	Yes	Yes	Yes	Yes	Yes

International Information:

Components listed below are present on the following International Inventory lists:



CBF-100 Conductive Body Filler

Product Code(s): CBF-100

SDS Preparation Date (mm/dd/yyyy): 11/21/2014

Page 11 of 13

SAFETY DATA SHEET

<u>Ingredients</u>	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Bisphenol A / epichlorohydrin resin	25068-38-6	N/Av	Present	Present	(7)-1283	KE-24000	Present	HSR003180
Graphite	7782-42-5	231-955-3	Present	Present	Not listed	KE-18101	Present	May be used as a single component chemical under an appropriate group standard
p-tert-butylphenyl 1-(2,3-epoxy)propyl ether	3101-60-8	221-453-2	Present	Present	(3)-594; (3)-575	KE-11404	Present	May be used as a single component chemical under an appropriate group standard
4,4'-Isopropylidenediphenol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with 2-methylimidazole	68002-42-6	500-181-0	Present	Present	(7)-1482	KE-24054	Present	HSR005753
Epichlorohydrin Polyglycol Resin Polymer	41638-13-5	Polymer	Present	Present	(7)-343	KE-27711	Present	HSR003627
Carbon black	1333-86-4	215-609-9	Present	Present	(5)-3328; (5)-5222	KE-04682	Present	HSR002801

SECTION 16. OTHER INFORMATION



CBF-100 Conductive Body Filler

Product Code(s): CBF-100

SDS Preparation Date (mm/dd/yyyy): 11/21/2014

Page 12 of 13

SAFETY DATA SHEET

Legend

- : ACGIH: American Conference of Governmental Industrial Hygienists
- AICS: Australian Inventory of Chemical Substances
- ATE: Acute Toxicity Estimate
- CA: California
- CAS: Chemical Abstract Services
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CFR: Code of Federal Regulations
- DOT: Department of Transportation
- ECHA: European Chemicals Agency
- EPA: Environmental Protection Agency
- EST: Eastern Standard Time
- HSDB: Hazardous Substances Data Bank
- IARC: International Agency for Research on Cancer
- IATA: International Air Transport Association
- IBC: Intermediate Bulk Container
- ICAO: International Civil Aviation Organisation
- IECSC: Inventory of Existing Chemical Substances
- IMDG: International Maritime Dangerous Goods
- Inh: Inhalation
- IOC: Inventory of Chemicals
- ISHL: Industrial Safety Health Law
- KECI: Korean Existing Chemicals Inventory
- KECL: Korean Existing Chemicals List
- LC: Lethal Concentration
- LD: Lethal Dose
- MA: Massachusetts
- MN: Minnesota
- N/Ap: Not Applicable
- N/Av: Not Available
- NJ: New Jersey
- NOEC: No observable effect concentration
- NTP: National Toxicology Program
- OECD: Organisation for Economic Co-operation and Development
- OSHA: Occupational Safety and Health Administration
- PA: Pennsylvania
- PEL: Permissible exposure limit
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- PNOR: Particulates Not Otherwise Regulated
- RCRA: Resource Conservation and Recovery Act
- RI: Rhode Island
- RQ: Reportable Quantity
- RTECS: Registry of Toxic Effects of Chemical Substances
- SARA: Superfund Amendments and Reauthorization Act
- SDS: Safety Data Sheet
- STEL: Short Term Exposure Limit
- TWA: Time Weighted Average

References

- : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2014.
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Preparation Date (mm/dd/yyyy)

: 11/21/2014





CBF-100 Conductive Body Filler
 SDS Preparation Date (mm/dd/yyyy): 11/21/2014

Product Code(s): CBF-100
 Page 13 of 13

SAFETY DATA SHEET

Other special considerations for handling

: Provide adequate information, instruction and training for operators.

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