



# SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

## 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier**  
Product Name C60 White Cotton  
Product Code(s) S004
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**  
Identified use(s) Cleaning and preparation of aircraft skin prior to painting  
Cleaning and preparation of aircraft skin prior to painting  
Product is for professional use only  
Must not be used by persons under the age of 18, except when adult supervision is available.  
Uses advised against None
- 1.3 Details of the supplier of the Safety Data Sheet**  
Company Identification American Fiber & Finishing, Inc.  
225 North Depot Street  
Albemarle, NC 28001  
USA  
Telephone (704) 984-9211  
E-Mail (competent person) [dot.whitt@affinc.com](mailto:dot.whitt@affinc.com)
- 1.4 Emergency telephone number**  
Emergency Phone No. 1-352-323-3500

## 2. SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture**
- 2.1.1 Regulation (EC) No. 1272/2008 (CLP)** Skin Irrit. (Category 2): Causes skin irritation.  
Skin Sens. (Category 1): May cause an allergic skin reaction.  
Aquatic Chronic (Category 2): Toxic to aquatic life with long lasting effects.
- 2.1.2 Directive 67/548/EEC & Directive 1999/45/EC** Xi, Irritating to eyes and skin.  
May cause sensitization by skin contact.  
N, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 2.2 Label elements**
- 2.2.1 Label elements** According to Regulation (EC) No. 1272/2008 (CLP)

GHS Product Identifier

Hazard Pictogram



Signal word(s)

Warning

Hazard statement(s)

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 statement(s)

P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

P273: Avoid release to the environment.

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

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

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

P501: Dispose of contents/container to: hazardous waste site.

**2.2.2 Label elements**

Risk Phrases

R36/38: Irritating to eyes and skin.

R43: May cause sensitivity by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

S2: Keep out of the reach of children.

S16: Keep away from sources of ignition - No smoking

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: In case of contact with skin wash immediately with plenty of soap and water.

S37/39: Wear suitable gloves and eye/face protection.

S51: Use only in well ventilated areas.

S61: Avoid release to the environment. Refer to special instructions/ Safety data sheets.

**2.3 Other hazards**

None

2.4 Additional Information

None

### 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

EC Classification No. 1272/2008

Hazardous ingredient(s)	%W/W	Cas No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
Bisphenol A Epoxy Resin	95-100	25068-38-6	500-033-5	01-2119456619-26	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Chronic Aquatic Tox. 2, H411

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	%W/W	Cas No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases
Bisphenol A Epoxy Resin	95-100	25068-38-6	500-033-5	01-2119456619-26	Xi, R36/38 R43 N, R51/53

### 3.3 Additional Information

For full text of H/P phrases see section 16. For full text of R/S phrases see section 16.

3.4 There has been no change in the product formulation or in the manufacturing process.

## 4. SECTION 4: FIRST AID MEASURES



### 4.1 Description of first aid measures

Inhalation

Remove persons affected by vapour to fresh air.

For those providing assistance, avoid exposure to yourself or others.

If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance.

If breathing is irregular or has stopped, administer artificial respiration.

Skin Contact

Remove contaminated clothing and wash affected skin with

Eye Contact	water. Wash contaminated clothing before reuse. Eyes should be washed with plenty of water. Get immediate medical attention.
Ingestion	Wash out mouth with water. Do not induce vomiting. If symptoms persist, obtain medical attention.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	Itching, pain, redness, and swelling of skin.
<b>4.3 Indication of immediate medical attention and special treatment needed</b>	Pain, irritation, watering and redness of the eyes. No specific treatment. Treat symptomatically.

## 5. SECTION 5: FIRE-FIGHTING MEASURES

<b>5.1 Extinguishing Media</b>	.
Suitable Extinguishing Media	Extinguish with dry chemical, foam, water spray, or carbon dioxide.
Unsuitable Extinguishing Media	Straight streams of water
<b>5.2 Special hazards arising from the substance or mixture</b>	Harmful to aquatic life with long lasting effects. Burning produces obnoxious and toxic fumes. In the event of fire the following can be released: carbon oxides.
<b>5.3 Advice for fire-fighters</b>	Evacuate area. If a leak or a spill has not ignited, use water spray to disperse the vapours and to protect personnel attempting to stop a leak. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel

## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Avoid contact with spilled material. Wear suitable protective equipment. Refer to section 5 for fire-fighting; section 4 for first-aid advice; and section 8 for minimum requirements for personal protective equipment.
<b>6.2 Environmental precautions</b>	Do not allow to enter drains, sewers or watercourses.
<b>6.3 Methods and material for containment and cleaning up</b>	Adsorb spillages onto sand, earth or any suitable adsorbent material.
<b>6.4 Reference to other sections</b>	Section 1 for emergency contact. Section 8 for information on appropriate personal protective equipment.
<b>6.5 Additional Information</b>	None

## 7. SECTION 7: HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>	Avoid contact with skin. Avoid breathing fumes. Avoid ingestion. Avoid inhalation of vapours. Wear protective gloves/clothing and eye/face protection.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	
Storage Temperature	Store in a cool dry area in a closed container.

Storage Life 2 years  
 Incompatible materials Oxidising agents.  
 7.3 Specific end use(s) For use on aircraft only

**8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note:

8.1.2 Biological limit value Not established  
 8.1.3 PNECs and DNELs Not established  
 8.2.1 Appropriate engineering controls The level of protection and the types of controls required vary depending on the conditions of potential exposure. Control measures to be taken into consideration: adequate ventilation so that the exposure limits are not exceeded.

8.2.2 Personal protection equipment

Eye/face protection



Wear chemical safety glasses with side shields, or splash-proof goggles.

Skin protection (Hand protection/ Other)



Any specific glove information provided is based on published literature and glove-manufacturer data. Contact the glove manufacturer for glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. Chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet –style gloves. Nitrile, CEN standards EN 420 and EN 374 provide general requirements and list of glove types. If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements. Types of respirator to be considered for this mixture include: Half-face filter respirator; Type A filter material CEN standards EN136, EN140 and EN 405 provide respirator masks and EN 149 and EN 143 provide filter recommendations

Respiratory protection



Thermal hazards

None Known  
 See sections 6,7,12,13

8.2.3 Environmental Exposure Controls

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Cotton cloth or Polyester cloth
Colour	White and/or Black
Odour	Slight
Odour Threshold (ppm)	No data available
pH (Value)	Not applicable
Melting Point (°C) / Freezing Point (°C)	No data available
Boiling point/boiling range (°C):	Not applicable
Flash Point (°C)	Not applicable
Evaporation rate (Butyl Acetate = 1)	Not applicable
Flammability (solid, gas)	Not applicable
Explosive limit ranges.	Not applicable
Vapour Pressure (mm Hg)	Not applicable
Vapour Density (Air=1)	Not applicable
Density (g/ml)	Not applicable
Solubility (Water)	Not applicable
Solubility (Other)	Not applicable
Partition Coefficient (n-Octanol/water)	Not applicable
Auto Ignition Temperature (°C)	Not applicable
Decomposition Temperature (°C)	Not applicable
Viscosity (mPa.s)	Not applicable
Explosive properties	Not applicable
Oxidising properties	Not applicable

### 9.2 Other information

None

## 10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions of use
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	See 10.5
10.4 Conditions to avoid	Avoid all sources of ignition including heat, sparks and open flames. Prevent vapour accumulation.
10.5 Incompatible materials	Oxidising agents.
10.6 Hazardous Decomposition Product(s)	Hazardous decomposition products are not expected to form during normal storage. Thermal decomposition is dependent on conditions. A

complex mixture of airborne solids, liquids and gases including carbon oxides will be evolved when this material undergoes combustion or thermal or oxidative degradation.

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### 11.1.2 Mixtures

Acute toxicity

There is no information regarding the product but two of the components displayed the following results:

Bisphenol A Epoxy Resin: LD50 Dermal, Rat, >2000mg/kg; and LD50 Oral, Rat, >5000mg/kg.

Acetone: LD50, Oral, Rat, 5,800mg/kg

Irritation

No data available

Corrosivity

No data available

Sensitisation

No data available

Repeated dose toxicity

No data available

Carcinogenicity

No data available

Mutagenicity

No data available

Toxicity for reproduction

There is no information regarding the product but one of the components (Bisphenol A Epoxy Resin) displayed the following results: OECD 416 Two-generation Reproduction Toxicity study, Rat, Oral: 540mg/kg

#### 11.2 Other information

None

## 12. SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

There is no information regarding the product but two of the components (Bisphenol A Epoxy Resin) displayed the following results: 202 Daphnia sp. Acute Immobilisation Test, Acute EC50, 24 hrs, 3.6mg/L; and 203 Fish, Acute Toxicity Test LC50, 96 hrs, 1.5mg/L.

### 12.2 Persistence and degradability

There is no information regarding the product but one of the components (Bisphenol A Epoxy Resin) displayed the following results: OECD 31F, 28 days, 5% - not readily biodegradable.

### 12.3 Bioaccumulative potential

Low potential to bioaccumulate.

### 12.4 Mobility in soil

Soil/water partition coefficient (Koc): 445

### 12.5 Results of PBT and VPVB assessment

No PBT or VPVB Components

### 12.6 Other adverse effects

None



### 13. SECTION 13: DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods**

Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Do not burn, or use a cutting torch on, the empty drum.

Dispose of in accordance with the European Directives on waste and hazardous waste. Waste must be classified and labelled prior to recycling or disposal. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

**13.2 Additional Information**

None

### 14. SECTION 14: TRANSPORT INFORMATION

**14.1 Land transport (ADR/RID)**

UN number

Not regulated

Proper Shipping Name

	Transport hazard class(es)	
	Packing Group	
	Hazard label(s)	
	Environmental hazards	
	Special precautions for user	
	Additional Information	
<b>14.2</b>	<b>Sea transport (IMDG)</b>	
	UN number	Not regulated
	Proper Shipping Name	
	Transport hazard class(es)	
	Packing Group	
	Hazard label(s)	
	Marine Pollutant	
	Special precautions for user	
	Additional Information	
<b>14.3</b>	<b>Air transport (ICAO/IATA)</b>	
	UN number	Not regulated
	Proper Shipping Name	
	Transport hazard class(es)	
	Packing Group	
	Hazard label(s)	
	Environmental hazards	
	Special precautions for user	
	Additional Information	

## 15. SECTION 15: REGULATORY INFORMATION

<b>15.1</b>	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture substance or mixture</b>	1907/2006 – REACH 1272/2008 – CLP 67/548/EEC –DSD 199/45/EC – DPD 648/2004/EC - Detergents Directive 98/8/EC - BPD
<b>15.1.1</b>	<b>EU regulations</b>	
	Authorisations and/or restrictions on use	Refer to EU regulation for details of any actions or restrictions by the above regulations or directives
<b>15.1.2</b>	<b>National regulations</b>	Refer to national regulation for details of any actions or restrictions by the above regulations or directives
<b>15.2</b>	<b>Chemical Safety Assessment</b>	A Chemical Safety Assessment has not been carried out for this product.

## 16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

### LEGEND

LTEL	Long Term Exposure Limit
STEL	Short Term Exposure Limit
STOT	Specific Target Organ Toxicity



DNEL Derived No Effect Level  
PNEL Predicted No Effect Concentration  
RCP Reciprocal Calculation Procedure

**References:** Sources of information used in preparing this SDS included one or more of the following: results from in-house or supplier toxicology studies; publications from trade associations; ECHA publications; EU guidelines and other sources as appropriate.

#### **Risk Phrases and Safety Phrases**

R36: Irritating to eyes.  
R36/38: Irritating to eyes and skin.  
R43: May cause sensitivity by skin contact.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R66: Repeated exposure may cause skin dryness or cracking  
R67: Vapours may cause drowsiness and dizziness

S2: Keep out of the reach of children.  
S16: Keep away from sources of ignition - No smoking  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28: In case of contact with skin wash immediately with plenty of soap and water.  
S37/39: Wear suitable gloves and eye/face protection.  
S51: Use only in well ventilated areas.  
S61: Avoid release to the environment. Refer to special instructions/ Safety data sheets.

#### **Hazard statement(s) and Precautionary statement(s)**

H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H411: Toxic to aquatic life with long lasting effects.

P102: Keep out of reach of children.  
P262: Do not get in eyes, on skin, or on clothing.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
P501: Dispose of contents/container to: hazardous waste site.

#### **Additional Information**

Revision 2 was issued on 10 April 2017 to incorporate new test results from the manufacturer of the product.

This Safety Data Sheet has been produced from information supplied by the formulators of the product, and Information contained in this publication or as otherwise supplied to users is believed to be accurate and is given in good faith, but it is for the users to satisfy themselves of the suitability of the product for their own particular purpose. American Fiber & Finishing, Inc. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. American Fiber & Finishing, Inc. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.