

01 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Trade Name	AC Tech 2170 FC Zero (PART B)		
Chemical Family	Resin for two part epoxy adhesive.		
Product Use	Chemical Product for construction and industrial use.		
Manufacturer	Allied Construction Technologies Inc 3302 Croft Street Norfolk, VA 23513	Phone: (757) 855 – 5100 Email: info@actamerican.net	
Emergency Phone	U.S. & Canada: Infotrac: (800) 535-5053 (Contract #104212) International: Infotrac: 1-352-323-3500		

02 HAZARD IDENTIFICATION

Emergency Overview	C - Corrosive
R-Phrases	Corrosive to skin and eyes. May cause sensitization by skin contact and inhalation.

NFPA ratings	Health: 2	Fire: 1	Reactivity: 0
HMIS ratings	Health: 2	Flammability: 1	Physical Hazard: 0

03 COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.	Chemical name	Quantity
98-54-4	4-tert-Butylphenol	< 25 %
1477-55-0	m-phenylenebis (methylamine)	< 25 %
25620-58-0	Trimethylhexane-1,6-diamine	< 10 %

04 FIRST AID MEASURES

Skin	Remove contaminated clothing immediately. Do not use solvents or thinners. In case of contact with skin, wash with soap and water. Chemical burns must be treated immediately by a doctor.
Eyes	Wash eyes immediately with large amounts of water for about 5 minutes, especially under the eyelids. Chemical burns must be treated immediately by a doctor.
Ingestion	If person is conscious, rinse mouth with water and give water to dilute stomach contents. Do not induce vomiting. Never give anything orally to an unconscious person. Seek medical attention immediately and show the doctor the packaging or label.
Inhalation	In the event of excessive inhalation, move individual to fresh air and keep immobile. In the event of symptoms seek medical assistance immediately.

05 FIREFIGHTING MEASURES

Flash Point	>230 °F
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Material Safety Data Sheet (ANSI Z400.1-2004)
Printed 5.30.2013
Revision 1.06
Product Name AC Tech 2170 FC Zero (PART B)

Extinguishing Media
Hazardous Extinguishing Media
Fire-Fighting Precautions
Hazardous Combustion Products
Special Fire-Fighting Procedures

Alcohol resistant foam, dry powder, carbon dioxide, water spray jet
Full water jet not to be used.
Do not inhale fire combustion gases or smoke.
Carbon monoxide (CO), carbon dioxide (CO₂) and nitrogen oxides (NO_x)
Use self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes. Collect contaminated fire-fighting water separately; do not discharge into drains.

06 ACCIDENTAL RELEASE MEASURES

Spill & Leak Procedures

Wear appropriate personal protective equipment. Pick up using inert absorbents (sand, silica, acid binder, universal binder). Use only non-combustible absorbents. Place in suitable containers for disposal.

Pollution Control Measures

Do not allow untreated product into drains, surface or ground water. Do not discharge into subsoil/soil.

07 HANDLING & STORAGE

Handling

Take the usual precautions for handling chemicals. Refer to Section 8 – Personal Protection. If necessary, ensure proper local exhaust ventilation. Keep container closed when not in use. Avoid contact with heat, sparks, open flame or other ignition sources. Empty containers contain residual products and can be hazardous.

Storage

Keep in closed original container. Store container in a cool, dry and ventilated area. Protect from direct solar radiation and from heat/overheating. Keep away from food, beverages and animal feed. Keep away from oxidizing agents. Protect from frost, humidity and heat.

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

CAS No.	Chemical name	Exposure Limits
98-54-4	4-tert-Butylphenol	0.08 ppm, 0.5 mg/m, Skin Peak 2 (II) DFG MAKs

Exposure Limits & Controls

Use only in a well-ventilated area. Use closed process systems, local exhaust ventilation or other technical control systems to maintain exposure below limits. Use explosion proof ventilation systems.

Skin Protection

Use protective clothing to prevent skin contact. Wear nitrile or butyl rubber gloves. During special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Eye Protection

Wear safety mono-goggles and face shield.

Respiratory Protection

Use NIOSH approved respirator in the event of insufficient ventilation and aerosol or mist formation.

General Protection & Hygiene

Do not inhale gases/vapors/aerosols. Avoid contact with eyes and skin. Do not eat, drink or smoke when working. Wash hands/or face before taking breaks and at the end of work. Remove soiled or soaked clothing immediately.

09 PHYSICAL & CHEMICAL PROPERTIES

Physical State

Liquid

Color

Transparent

Flashpoint

> 203 °F

Density (68°F)

~ 1.0 g/cm³

Dynamic Viscosity (73.4°F)

~700 CPS

Physical Form

Liquid

Odor

Slight

10 STABILITY & REACTIVITY

Chemical Stability	Stable, no decomposition occurs if used as directed.
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide and nitrous oxides (NOx).
Incompatibilities	No hazardous reactions occur if stored or handled accordingly. Avoid contact with ignition sources (sparks, flame). Do not release into the environment.

11 TOXICOLOGY INFORMATION

Inhalation	Harmful by inhalation. Can cause irritation
Ingestion	Harmful by ingestion. Can cause burns to mouth, throat and stomach
Skin Irritation	Causes burns
Eye Irritation	Causes burns
Sensitization	Can cause sensitization through inhalation and skin contact.
General Experience	After sensitization occurs, exposure to very small amounts can provoke a severe allergic reaction with chronic effects.

12 ECOLOGICAL INFORMATION

Additional Information	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not discharge product into the environment. Do not release into the aquatic environment.
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13 DISPOSAL CONSIDERATIONS

Product Disposal	Dispose in accordance with federal, state or local regulations. Empty packaging can be disposed via recyclable waste collectors.
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14 TRANSPORTATION INFORMATION

TDG / DOT Shipping Name	UN 2735, AMINES, LIQUID, CORROSIVE, N.O.S. (m-Phenylenebis(methylamine);trimethylhexamethylenediamines), Class 8, PG II
Marine Transport IMDG	UN 2735, AMINES, LIQUID, CORROSIVE, N.O.S. (m-Phenylenebis(methylamine);trimethylhexamethylenediamines), Class 8, PG II
Air Transport ICAO/IATA	UN 2735, AMINES, LIQUID, CORROSIVE, N.O.S. (m-Phenylenebis(methylamine);trimethylhexamethylenediamines), Class 8, PG II

15 REGULATORY INFORMATION

Note: Entries under Section 15 cover only those regulations typically addressed in the MSDS generating process, such as TSCA and EPCRA/SARA Title III.

USA TSCA Status	All of the components are on the TSCA Inventory.
Canadian DSL Status	All of the components are listed on the DSL Inventory.
SARA Title III	To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

16 OTHER INFORMATION

Further Information	Federal and local chemical regulations should be observed.
HAZCOM Label	WARNING! CORROSIVE CAUSES BURNS TO SKIN AND EYES. MAY CAUSE SENSITIZATION BY SKIN CONTACT AND INHALATION



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***Data changed compared with the previous version**

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.