AC·TECH
Allied Construction Technologies, Inc.
When Performance Counts!

Material Safety Data Sheet	(ANSI Z400.1-2004)
Printed	2.10.2014
Revision	1.02.AR
Product Name	AB-COR 950 SW-N (Part B)

01 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Trade Name	**AB-COR 950 SW-N (PART B)**
Chemical Family	Resin for two-component epoxy adhesive.
Product Use	Chemical Product for construction and industrial use.
Manufacturer	Allied Construction Technologies Inc. Phone: (757) 855 – 5100 3302 Croft Street Email: info@actamerican.net Norfolk, VA 23513
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	Harmful by inhalation, in contact with skin and if swallowed. Causes burns May cause sensitization by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in aquatic environments.

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
111-40-0	2,2'-iminodiethylamine, diethylenetriamine	30 - 60 %
1477-55-0	1,3-Benzenedimethanamine	10 - 30 %

04 FIRST AID MEASURES

General Information	Change contaminated clothing. In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).
Skin	Remove contaminated clothing immediately. Do not use solvents or thinners. In case of contact with skin, wash with soap and water. Consult a doctor if irritation persists. Chemical burns must immediately be treated by a doctor.
Eyes	Wash eyes immediately with large amounts of water for about 5 minutes, especially under the eyelids. Consult an eye specialist immediately if irritation occurs. Chemical burns must immediately be treated 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. Chemical burns must immediately be treated by a doctor.
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

Extinguishing Media	Alcohol resistant foam, carbon dioxide, dry extinguishing powder, atomized water.
Hazardous Extinguishing Media	Full water jet not to be used.
Fire-Fighting Precautions	Do not inhale fire combustion gases or smoke.
Hazardous Combustion Products	Carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx).
Special Fire-Fighting Procedures	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** (refer to Sections 7 & 8)**.** Wear appropriate respiratory protection. **Pick up using inert absorbents** (sand, diatomaceous earth, 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	Chemical Name	ppm	mg/m^3	Category	Origin
111-40-0	2,2'-Iminodi(ethylamine)	1	4.3	TWA (8h)	WEL
				STEL (15 min)	WEL

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	~230°F
Density (68°F)	1.0 g/cm^3
Dynamic Viscosity (73.4°F)	400 CPS
Odor	Amine-Like

10 STABILITY & REACTIVITY

Chemical Stability

Stable, no decomposition occurs if used as directed.

Incompatibilities

No hazardous reactions occur if stored or handled accordingly. Keep away from ignition sources (sparks, flame). Do not release into the environment.

11 TOXICOLOGY INFORMATION

CAS No.	Chemical Name	Species	Acute Toxicity Estimate
111-40-0	2,2'-iminodiethylamine, diethylenetriamine	Rat	Oral LD50: >1540 mg/kg
		Rabbit	Dermal LD50: >672 mg/kg
1477-55-0	1,3-Benzenedimethanamine		Oral ATE: > 500 mg/kg
			Inhalative Vapor ATE: > 11 mg /l
			Inhalative aerosol ATE: > 1.5 mg/l

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

CAS No.	Chemical Name	Species	Acute Toxicity Estimate	Exposure Time	n-Octanol/ Water Coeff.
111-40-0	2,2' – iminodiehylamine, diethylenetriamine	Leuciscus idus (fish)	LC50: 430 mg/l	96 h	-2.13
		Selenastrum capricornutum (algae)	ErC50: 1164 mg/l	72 h	
		Daphnia magna (crustacean)	EC50: 53.5 mg/l	48 h	

Additional Information

Toxic to aquatic organisms, may cause long-term adverse effects in aquatic environments. Do not discharge product into the environment. Do not release into aquatic environments.

13 DISPOSAL CONSIDERATIONS

Product Disposal

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

14 TRANSPORTATION INFORMATION

TDG / DOT Shipping Name

UN 2735, AMINES, LIQUID, CORROSIVE, N.O.S. (m-Phenylenebis (methyldiamine); diethylenetriamine), Class 8, PG II

Marine Transport IMDG

UN 2735, AMINES, LIQUID, CORROSIVE, N.O.S. (m-Phenylenebis (methyldiamine); diethylenetriamine), Class 8, PG II

Air Transport ICAO/IATA

UN 2735, AMINES, LIQUID, CORROSIVE, N.O.S. (m-Phenylenebis (methyldiamine); diethylenetriamine), 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.*

National Regulatory Information

Water contaminating class (D): 2 – water contaminating

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

20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
20/22	Harmful by inhalation and if swallowed.
21/22	Harmful in contact with skin and if swallowed.
34	Causes burns.
43	May cause sensitization by skin contact.
52	Harmful to aquatic organisms.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in aquatic environments.
53	May cause long-term adverse effects in aquatic environments.

***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.