
Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

Aquabase 120

Synonyms

Water based Adhesive

Chemical Family

Adhesive

Product Use

Contact Adhesive for TPO/EPDM Single-ply roofing

Restrictions on Use

None identified

Manufacturer Information

Carlisle SynTec
1285 Ritner Highway
Carlisle, PA 17013 USA
Phone: +1-800-479-6832
Emergency Phone #: +1-800-424-9300 (Chemtrec)

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Skin Sensitization - Category 1

GHS Label Elements

Symbol(s)



Signal Word

Warning

Precautionary Statement(s)

Prevention

Avoid breathing vapors, mist, or spray.
Wear protective gloves
Contaminated work clothing must not be allowed out of the workplace

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Response

IF ON SKIN was with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse

Storage

Not prescribed

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
102-71-6	Triethanolamine	0.1-1

Section 4 - FIRST AID MEASURES

Inhalation

Move to fresh air. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention

Skin

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

Eyes

Rinse immediately with water for 15 minutes also under the eyelids. Get medical advice/attention.

Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person..

Symptoms

See section 11

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

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Extinguishing Media

Use extinguishing measures appropriate to local circumstances and the surrounding environment.

Unusual fire or explosion hazards:

This product is an aqueous mixture which will not burn. If evaporated to dryness, the solid residue may pose a slight fire hazard.

Hazardous Combustion Products

Oxides of carbon

Special firefighting procedures: Keep unnecessary personnel away. Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - ACCIDENTAL RELEASE MEASURES

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

Methods and Materials for Containment and Cleaning Up

Keep unnecessary personnel away. Ensure adequate ventilation. Wear appropriate protective equipment and clothing during clean-up. Dispose of contaminated material as waste according to Section 13.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Do not allow product to enter sewer or waterways

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Conditions for Safe Storage

Do not freeze.

Incompatible Materials

Acids, bases, strong oxidizing agents

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

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Triethanolamine	102-71-6
ACGIH TLV:	5 mg/m ³ TWA
OSHA (US) PEL:	None
AIHA WEEL	None

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.

Eye/face protection

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.

Skin Protection

Use impermeable gloves and protective clothing as necessary to prevent skin contact. Wear suitable protective clothing.

Respiratory Protection

Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respirator use (29 CFR 1910.134).

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	liquid	Physical State	liquid
Odor	Ammonia	Color	pink
Odor Threshold	Not available	pH	8.25
Melting Point	0 °C (32°F) (Freezing point)	Boiling Point	56 - 139 °C (133-283 °F)
Freezing point	Not available	Evaporation Rate	Same as water.
Boiling Point Range	100 °C (212°F)	Flammability (solid, gas)	Not available
Autoignition	Not determined	Flash Point	> 100 °C (> 212°F)
Lower Explosive Limit	Not available.	Decomposition	Not available
Upper Explosive Limit	Not available.	Vapor Pressure	Not determined
Vapor Density (air=1)	Heavier than air	Specific Gravity (water=1)	1.06

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Water Solubility	Soluble	Partition coefficient: n-octanol/water	Not determined
Viscosity	Not available.	VOC	0.0 G/L

Other Information

No additional information available.

Section 10 - STABILITY AND REACTIVITY

Reactivity

Not available

Stability

Stable under normal conditions of use.

Hazardous Reactions

Will not occur.

Conditions to Avoid

Do not freeze

Incompatible Materials

Contact with water reactive materials (such as oleum) can cause exothermic reactions.

Hazardous decomposition products

Oxides of carbon

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation

Inhalation of vapors or mists of the product may be irritating to the respiratory system.

Skin Contact

Prolonged or repeated skin contact may cause skin irritation or allergic skin sensitization reaction.

Eye Contact

This product may cause slight irritation to the eyes.

Ingestion

Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

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Triethanolamine

Oral LD50 Rat 8.0 g/kg

Dermal LD50 Rabbit >20,000 mg/kg

Immediate Effects

Irritant, Allergen

Component Carcinogenicity

Triethanolamine	
IARC:	No
OSHA	No
NTP	No

Section 12 - ECOLOGICAL INFORMATION

Ecological information

Not available

Section 13 - DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal:

Legal disposition of wastes is the responsibility of the owner/generator of the waste. Applicable federal, state and/or local regulations must be followed during treatment, storage, or disposal of waste containing this product.

Hazardous waste number:

Not a RCRA hazardous waste.

Section 14 - TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated

Hazard class or division: None

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Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

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

CERCLA/SARA Section 313: None above reporting de minimis

California Proposition 65:

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

Canada Regulatory Information

CEPA DSL/NDSL Status:

One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

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Section 16 - OTHER INFORMATION

Summary of Changes

Revision Date: June 1, 2018

Revision Note: General Update

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

Other Information

Disclaimer:

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use