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**Section 1 - PRODUCT AND COMPANY IDENTIFICATION**

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**Material Name**

CCW-703 Horizontal Liqueal - Part A

**Synonyms**

Liquid Applied Membrane

**Chemical Family**

Sealant

**Product Use**

Waterproofing sealant, surfacing compound

**Restrictions on Use**

For industrial use only.

**Manufacturer Information**

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

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**Section 2 - HAZARDS IDENTIFICATION**

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

Carcinogenicity - Category 2

**GHS Label Elements**

**Symbol(s)**



**Signal Word**

Warning

**Hazard Statement(s)**

Suspected of causing cancer

**Precautionary Statement(s)**

**Prevention**

## Safety Data Sheet

**Material Name: CCW-703 Horizontal Liquiseal - Part A**

**Product #: 302087**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Wear protective gloves/protective clothing/eye protection/face protection

**Response**

IF exposed or concerned: Get medical advice/attention

**Storage**

Store locked up

**Disposal**

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

**Other Hazards**

No additional information available.

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### Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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| CAS          | Component Name                    | Percent |
|--------------|-----------------------------------|---------|
| Trade Secret | Hydroxyl terminated Polybutadiene | 10-30   |
| Trade Secret | Dihydroxypropyl aniline           | 1-5     |
| 1333-86-4    | Carbon black                      | 1-5     |
| 1317-65-3    | Limestone                         | 10-30   |
| Trade Secret | Petroleum distillates             | 30-60   |

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### Section 4 - FIRST AID MEASURES

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**Description of Necessary Measures**

If exposed or concerned: Get medical advice/attention.

**Inhalation**

Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

**Skin**

Take off immediately all contaminated clothing. Wash exposed skin with soap and water. Get medical attention, if needed.

**Eyes**

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention, if needed.

**Ingestion**

Do NOT induce vomiting. Get medical attention immediately.

## Safety Data Sheet

**Material Name: CCW-703 Horizontal Liquiseal - Part A**

**Product #: 302087**

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically and supportively.

**Most Important Symptoms/Effects**

**Acute**

May cause mild skin irritation. May cause mild eye irritation.

**Delayed**

Suspected of causing cancer.

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### Section 5 - FIRE FIGHTING MEASURES

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**Extinguishing Media**

**Suitable Extinguishing Media**

Dry chemical, foam or carbon dioxide. Water may be ineffective. Use water spray to keep containers cool.

**Unsuitable Extinguishing Media**

Do not use high-pressure water streams.

**Special Hazards Arising from the Chemical**

Can burn and explode easily when exposed to open flames or high heat. Vapors are heavier than air and may travel a considerable distance to a source of ignition and flashback.

**Hazardous Combustion Products**

Butadiene, oxides of carbon

**Fire Fighting Measures**

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

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### Section 6 - ACCIDENTAL RELEASE MEASURES

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**Personal Precautions, Protective Equipment and Emergency Procedures**

Wear personal protective clothing and equipment, see Section 8.

**Methods and Materials for Containment and Cleaning Up**

Absorb with earth, sand or other non-combustible material and transfer to container. Dike for later disposal. Dispose in accordance with all applicable regulations.

**Environmental Precautions**

Avoid release to the environment.

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### Section 7 - HANDLING AND STORAGE

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## Safety Data Sheet

**Material Name: CCW-703 Horizontal Liqueal - Part A**

**Product #: 302087**

**Precautions for Safe Handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Avoid contact with skin and eyes. KEEP OUT OF REACH OF CHILDREN.

**Conditions for Safe Storage, Including any Incompatibilities**

Store locked up. Keep away from incompatible materials. Store between 32 F and 90 F. Protect from freezing.

**Incompatible Materials**

Strong oxidizing agents, strong acids, strong bases

**Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Component Exposure Limits**

|                                |  |                                       |
|--------------------------------|--|---------------------------------------|
| <b>Lead alkanoate solution</b> | Trade Secret   |                                       |
| ACGIH:                         | 100 ppm TWA  |                                       |
| NIOSH:                         | 350 mg/m <sup>3</sup> TWA  | 1800 mg/m <sup>3</sup> Ceiling 15 min |
|                                | 20000 mg/m <sup>3</sup> IDLH   |                                       |
| OSHA (US):                     | 500 ppm TWA; 2900 mg/m <sup>3</sup> TWA  |                                       |
| Mexico:                        | 100 ppm TWA LMPE-PPT; 523 mg/m <sup>3</sup> TWA LMPE-PPT   |                                       |
|                                | 200 ppm STEL [LMPE-CT]; 1050 mg/m <sup>3</sup> STEL [LMPE-CT]  |                                       |
|                                |  |                                       |
| <b>Carbon black</b>            | 1333-86-4  |                                       |
| ACGIH:                         | 3 mg/m <sup>3</sup> TWA inhalable fraction   |                                       |
| NIOSH:                         | 3.5 mg/m <sup>3</sup> TWA; 0.1 mg/m <sup>3</sup> TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons) as PAH |                                       |
|                                | 1750 mg/m <sup>3</sup> IDLH  |                                       |
| OSHA (US):                     | 3.5 mg/m <sup>3</sup> TWA  |                                       |
| Mexico:                        | 3.5 mg/m <sup>3</sup> TWA LMPE-PPT   | 7 mg/m <sup>3</sup> STEL [LMPE-CT]    |
|                                |  |                                       |
| <b>Limestone</b>               | 1317-65-3  |                                       |

## Safety Data Sheet

**Material Name: CCW-703 Horizontal Liquiseal - Part A**

**Product #: 302087**

|            |  |                                     |
|------------|--|-------------------------------------|
| NIOSH:     | 10 mg/m <sup>3</sup> TWA total dust; 5 mg/m <sup>3</sup> TWA respirable dust     |                                     |
| OSHA (US): | 15 mg/m <sup>3</sup> TWA total dust; 5 mg/m <sup>3</sup> TWA respirable fraction |                                     |
| Mexico:    | 10 mg/m <sup>3</sup> TWA LMPE-PPT  | 20 mg/m <sup>3</sup> STEL [LMPE-CT] |
|            |  |                                     |

**Biological limit value**

There are no biological limit values for any of this product's components.

**Engineering Controls**

If necessary, use appropriate local exhaust ventilation to keep exposures below the regulated limits.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/face protection**

Safety glasses or goggles are recommended when there is a potential for eye contact. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

**Skin Protection**

Wear appropriate work clothing. Wear protective shoes. Recommended material: protective skin cream.

**Respiratory Protection**

If engineering controls do not maintain airborne concentrations to a negligible level, an approved respirator must be worn.

**Glove Recommendations**

Wear impermeable gloves.

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**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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|                              |                      |                                   |                  |
|------------------------------|----------------------|-----------------------------------|------------------|
| <b>Appearance</b>            | black viscous liquid | <b>Physical State</b>             | liquid           |
| <b>Odor</b>                  | Slight,aromatic      | <b>Color</b>                      | black            |
| <b>Odor Threshold</b>        | Not available        | <b>pH</b>                         | Not available    |
| <b>Melting Point</b>         | Not available        | <b>Boiling Point</b>              | >260 °C (500 °F) |
| <b>Freezing point</b>        | Not available        | <b>Evaporation Rate</b>           | Not available    |
| <b>Boiling Point Range</b>   | Not available        | <b>Flammability (solid, gas)</b>  | Not available    |
| <b>Autoignition</b>          | Not available        | <b>Flash Point</b>                | 254 °C (490 °F)  |
| <b>Lower Explosive Limit</b> | Not available        | <b>Decomposition</b>              | Not available    |
| <b>Upper Explosive Limit</b> | Not available        | <b>Vapor Pressure</b>             | <0.001 mmHg      |
| <b>Vapor Density (air=1)</b> | Not available        | <b>Specific Gravity (water=1)</b> | Not available    |

## Safety Data Sheet

Material Name: CCW-703 Horizontal Liqueal - Part A

Product #: 302087

|                         |                 |   |               |
|-------------------------|-----------------|---|---------------|
| <b>Water Solubility</b> | negligible      | <b>Partition coefficient: n-octanol/water</b> | Not available |
| <b>Viscosity</b>        | 7000 cps        | <b>Solubility (Other)</b>                     | Not available |
| <b>Density</b>          | 1.23 (relative) | <b>VOC</b>                                    | <15 g/L       |

### Other Information

No additional information available.

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## Section 10 - STABILITY AND REACTIVITY

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### Reactivity

No reactivity hazard is expected.

### Chemical Stability

Stable under normal conditions of use.

### Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

### Conditions to Avoid

Avoid formation of vapors and extreme temperatures. Avoid contact with incompatible materials.

### Incompatible Materials

Strong oxidizing agents, strong acids, strong bases

### Hazardous decomposition products

Butadiene, oxides of carbon

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## Section 11 - TOXICOLOGICAL INFORMATION

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### Information on Likely Routes of Exposure

#### Inhalation

May cause irritation of mucous membranes.

#### Skin Contact

May cause mild skin irritation.

#### Eye Contact

May cause mild eye irritation.

#### Ingestion

May cause irritation of mucous membranes.

### Acute and Chronic Toxicity

#### Component Analysis - LD50/LC50

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

Hydroxyl terminated Polybutadiene (Trade Secret)

Oral LD50 Rat >34600 mg/kg

## Safety Data Sheet

**Material Name: CCW-703 Horizontal Liquiseal - Part A**

**Product #: 302087**

Dihydroxypropyl aniline (Trade Secret)

Oral LD50 Rat 3763 mg/kg

Dermal LD50 Rabbit >2000 mg/kg

Carbon black (1333-86-4)

Oral LD50 Rat >8000 mg/kg

### Immediate Effects

May cause mild skin irritation. May cause mild eye irritation.

### Delayed Effects

Suspected of causing cancer.

### Irritation/Corrosivity Data

May cause mild skin irritation. May cause mild eye irritation.

### Respiratory Sensitization

No data available.

### Dermal Sensitization

No data available.

### Component Carcinogenicity

|                     |   |
|---------------------|---|
| <b>Carbon black</b> | 1333-86-4   |
| ACGIH:              | A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans                     |
| IARC:               | Monograph 93 [2010]; Monograph 65 [1996] (Group 2B (possibly carcinogenic to humans)) |
| DFG:                | Category 3B (could be carcinogenic for man, inhalable fraction)                       |
| OSHA:               | Present   |

### Germ Cell Mutagenicity

No data available.

### Reproductive Toxicity

No data available.

### Specific Target Organ Toxicity - Single Exposure

No target organs identified.

### Specific Target Organ Toxicity - Repeated Exposure

No target organs identified.

### Aspiration hazard

No data available.

### Medical Conditions Aggravated by Exposure

No data available.

### Additional Data

No additional information available.

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**Section 12 - ECOLOGICAL INFORMATION**

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**Ecotoxicity**

Avoid release to the environment.

**Component Analysis - Aquatic Toxicity**

|                              |   |
|------------------------------|---|
| <b>Carbon black</b>          | 1333-86-4                                 |
| Fish:                        | LC50 96 hr Brachydanio rerio >1000 mg/L   |
| <b>Petroleum distillates</b> | Trade Secret                              |
| Fish:                        | LC50 96 h Oncorhynchus mykiss >5000 mg/L  |
| Invertebrate:                | EC50 48 h Daphnia magna >1000 mg/L IUCLID |

**Persistence and Degradability**

No information available for the product.

**Bioaccumulative Potential**

No information available for the product.

**Mobility**

No information available for the product.

**Other Toxicity**

No additional information available.

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**Section 13 - DISPOSAL CONSIDERATIONS**

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**Disposal Methods**

Dispose of contents/container in accordance with local/regional/national/international regulations. This material and its container must be disposed of as hazardous waste.

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**Section 14 - TRANSPORT INFORMATION**

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**US DOT Information:**

UN/NA #: Not regulated

**IATA Information:**

UN#: Not regulated

**TDG Information:**



## Safety Data Sheet

**Material Name: CCW-703 Horizontal Liquiseal - Part A**

**Product #: 302087**

UN#: Not regulated

### Section 15 - REGULATORY INFORMATION

**U.S. Federal Regulations**

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

**SARA Section 311/312 (40 CFR 370 Subparts B and C)**

**Acute Health: Yes Chronic Health: Yes Fire: No Pressure: No Reactivity: No**

**U.S. State Regulations**

The following components appear on one or more of the following state hazardous substances lists:

| Component               | CAS          | CA  | MA  | MN  | NJ  | PA  |
|-------------------------|--------------|-----|-----|-----|-----|-----|
| Lead alkanoate solution | Trade Secret | Yes | Yes | Yes | Yes | Yes |
| Carbon black            | 1333-86-4    | Yes | Yes | Yes | Yes | Yes |
| Limestone               | 1317-65-3    | No  | Yes | Yes | Yes | Yes |

**The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):**

WARNING! This product contains a chemical known to the state of California to cause cancer

|              |  |
|--------------|--|
| Carbon black | 1333-86-4  |
| Carc:        | carcinogen , initial date 2/21/03 (airborne, unbound particles of respirable size) |

**Canadian WHMIS Ingredient Disclosure List (IDL)**

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL

|                         |              |
|-------------------------|--------------|
| Lead alkanoate solution | Trade Secret |
|                         | 1 %          |
| Carbon black            | 1333-86-4    |
|                         | 1 %          |

**Component Analysis - Inventory**

Hydroxyl terminated Polybutadiene (Trade Secret)

| US  | CA  | EU | AU  | PH  | JP - ENCS | JP - ISHL | KR - KECI/KECL | KR - TCCA | CN  | NZ  | MX  |
|-----|-----|----|-----|-----|-----------|-----------|----------------|-----------|-----|-----|-----|
| Yes | DSL | No | Yes | Yes | Yes       | No        | Yes            | No        | Yes | Yes | Yes |

## Safety Data Sheet

**Material Name: CCW-703 Horizontal Liqueal - Part A**

**Product #: 302087**

Dihydroxypropyl aniline (Trade Secret)

| US  | CA  | EU  | AU  | PH  | JP - ENCS | JP - ISHL | KR - KECI/KECL | KR - TCCA | CN  | NZ  | MX |
|-----|-----|-----|-----|-----|-----------|-----------|----------------|-----------|-----|-----|----|
| Yes | DSL | EIN | Yes | Yes | Yes       | No        | Yes            | No        | Yes | Yes | No |

Lead alkanoate solution (Trade Secret)

| US  | CA  | EU  | AU  | PH  | JP - ENCS | JP - ISHL | KR - KECI/KECL | KR - TCCA | CN  | NZ  | MX  |
|-----|-----|-----|-----|-----|-----------|-----------|----------------|-----------|-----|-----|-----|
| Yes | DSL | EIN | Yes | Yes | No        | No        | Yes            | No        | Yes | Yes | Yes |

Carbon black (1333-86-4)

| US  | CA  | EU  | AU  | PH  | JP - ENCS | JP - ISHL | KR - KECI/KECL | KR - TCCA | CN  | NZ  | MX  |
|-----|-----|-----|-----|-----|-----------|-----------|----------------|-----------|-----|-----|-----|
| Yes | DSL | EIN | Yes | Yes | Yes       | No        | Yes            | No        | Yes | Yes | Yes |

Limestone (1317-65-3)

| US  | CA  | EU  | AU  | PH  | JP - ENCS | JP - ISHL | KR - KECI/KECL | KR - TCCA | CN  | NZ  | MX  |
|-----|-----|-----|-----|-----|-----------|-----------|----------------|-----------|-----|-----|-----|
| Yes | NSL | EIN | Yes | Yes | Yes       | No        | Yes            | No        | Yes | Yes | Yes |

Petroleum distillates (Trade Secret)

| US  | CA  | EU  | AU  | PH  | JP - ENCS | JP - ISHL | KR - KECI/KECL | KR - TCCA | CN  | NZ  | MX  |
|-----|-----|-----|-----|-----|-----------|-----------|----------------|-----------|-----|-----|-----|
| Yes | DSL | EIN | Yes | Yes | No        | No        | Yes            | No        | Yes | Yes | Yes |

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### Section 16 - OTHER INFORMATION

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#### HMIS Rating

Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

#### NFPA Ratings

Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

#### Summary of Changes

New SDS: April 28, 2015

## Safety Data Sheet

**Material Name: CCW-703 Horizontal Liqueal - Part A**

**Product #: 302087**

### 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. In many instances, especially when proprietary or trade secret materials are used, CCWI Company must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. 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.