



# SAFETY DATA SHEET

ARMOR TOP #375

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

<b>1.1 Trade Name (as labeled):</b>	ARMOR TOP #375
Synonyms:	None
CAS No:	Mixture
<b>1.2 Product Use:</b>	Asphalt Crack Filler/ Resurfacer
<b>1.3 Company Name:</b>	<b>Western Colloid</b>
Company Address:	654 E. 60 <sup>th</sup> Street
Company Address Cont:	Los Angeles, CA 90001
Business Phone:	1-800-464-8292
Website:	<a href="http://www.westerncolloid.com">www.westerncolloid.com</a>
<b>1.4 Emergency Telephone Number:</b>	1-323-231-8292
Date of Current Revision:	October 10, 2018
Date of Last Revision:	New

## SECTION 2 - HAZARD IDENTIFICATION

**EMERGENCY OVERVIEW:** This product is a blackish/brown viscous liquid with a mild asphaltic odor.  
**Health Hazards:** May cause eye irritation. May cause mild skin irritation. Prolonged or repeated inhalation exposure may cause lung damage.  
**Flammability Hazards:** This product is a nonflammable liquid.  
**Reactivity Hazards:** None.  
**Environmental Hazards:** The environmental effects of this product have not been investigated, however release may cause long term adverse environmental effects.

**US DOT Symbols:**

None

**EU and GHS Symbols:**



Signal Word:

Danger!

### 2.1 EU Labeling and Classification:

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

#### EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:

##### Index Number:

- EC #238-878-4 is not listed in Annex VI
- EC #232-490-9 is not listed in Annex VI
- EC #231-791-2 is not listed in Annex VI
- EC #215-609-9 is not listed in Annex VI

Substances not listed either individually or in group entries must be self-classified.

##### Components Contributing to Classification:

Siliceous Material, Asphalt Residual, Carbon Black

### 2.2 Label Elements:

#### GHS Hazard Classifications:

Eye Irritation Category 2A  
Skin Irritation Category 2  
Carcinogenicity Category 2  
Specific Target Organ Toxicity – Repeated Exposure Category 1

#### Hazard Statements:

H319: Causes serious eye irritation  
H315: Causes skin irritation  
H350: Suspected of causing cancer  
H372: Causes damage to organs, lungs, through prolonged or repeated exposure.

**Precautionary Statements:**

P201: Obtain special instructions before use.  
 P202: Do not handle until all safety precautions have been read and understood.  
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.  
 P264: Wash thoroughly after handling.  
 P270: Do not eat, drink or smoke when using this product.  
 P280: Wear eye protection/face protection.

**Response Statements:**

P308+P313: IF exposed or concerned: Get medical advice/attention.  
 P302+P352: IF ON SKIN: Wash with plenty of water.  
 P321: Specific treatment (See Section 4 of this SDS).  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313: If eye irritation persists: Get medical advice/attention.  
 P332+P313: If skin irritation occurs: Get medical advice/attention.  
 P362+P364: Take off contaminated clothing and wash it before reuse.

**Storage Statements:**

P405: Store locked up.

**Disposal Statements:**

P501: Dispose of contents/container in accordance with Local/ Regional/ National/ International regulations.

**2.3 Other Hazards:**

None Applicable

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous Ingredients:	WT%	CAS No.	EINECS No.	Hazard Classification
Siliceous Material (Clay & Sand)	<34	14808-60-7	238-878-4	STOT RE 1
Asphalt	<24	8052-42-4	232-490-9	Skin Irritant Cat 2, Eye Irritant Cat 2A
Water	<40	7732-18-5	231-791-2	Not Classified
Carbon Black	<2	1333-86-4	215-609-9	Eye Irritant Cat 2A, Carc. Cat 2

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

**SECTION 4 - FIRST AID MEASURES****4.1 Description of First Aid Measures:****Eye Contact:**

If product enters the eyes, flush with plenty of water or eye wash solution for several minutes. Remove contacts if present and easy to do. Seek medical attention if irritation persists.

**Skin Contact:**

Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

**Inhalation:**

If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

**Ingestion:**

If product is swallowed, call physician or poison center immediately. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

**Medical Conditions Generally Aggravated by Exposure:**

Pre-existing skin or eye problems may be aggravated by prolonged contact.

**4.2 Symptoms and Effects Both Acute and Delayed:**

Exposure to skin and eyes may cause irritation. Repeated inhalation may cause lung damage.

**4.3 Recommendations to Physicians:**

Treat symptoms and eliminate overexposure.

**SECTION 5 - FIRE FIGHTING MEASURES**

**5.1 Fire Extinguishing Materials:**

Use the following fire extinguishing materials:

**Water Spray:** Yes  
**Foam:** Yes  
**Halon:** Yes

**Carbon Dioxide:** Yes  
**Dry Chemical:** Yes  
**Other:** Any "C" Class

**5.2 Unusual Fire and Explosion Hazards:**

Explosive Sensitivity to Mechanical Impact:

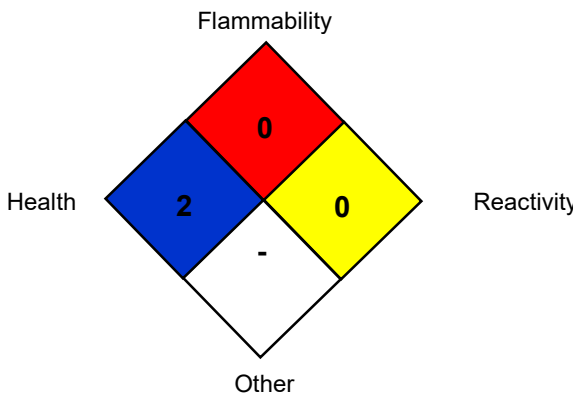






No

Explosive Sensitivity to Static Discharge:

No

- Incipient fire responders should wear eye protection.
- Structural firefighters must wear Self-Contained Breathing Apparatus (SCBA) and full protective equipment.
- Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray.
- If possible, prevent run-off water from entering storm drains, bodies of water, or other environmentally sensitive areas.

**5.3 Special Fire-Fighting Procedures:**

NFPA RATING SYSTEM	HMIS RATING SYSTEM HAZARDOUS MATERIAL IDENTIFICATION SYSTEM												
<p>Flammability</p>  <p>Health      Reactivity</p> <p style="text-align: center;">Other</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #00aaff; color: white; text-align: center;"><b>HEALTH HAZARD (BLUE)</b></td> <td style="text-align: center;"><b>2</b></td> </tr> <tr> <td style="background-color: #ff0000; color: white; text-align: center;"><b>FLAMMABILITY HAZARD (RED)</b></td> <td style="text-align: center;"><b>0</b></td> </tr> <tr> <td style="background-color: #ffff00; text-align: center;"><b>PHYSICAL HAZARD (YELLOW)</b></td> <td style="text-align: center;"><b>0</b></td> </tr> </table>	<b>HEALTH HAZARD (BLUE)</b>	<b>2</b>	<b>FLAMMABILITY HAZARD (RED)</b>	<b>0</b>	<b>PHYSICAL HAZARD (YELLOW)</b>	<b>0</b>						
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	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">PROTECTIVE EQUIPMENT</th> </tr> <tr> <th style="width: 25%;">EYES</th> <th style="width: 25%;">RESPIRATORY</th> <th style="width: 25%;">HANDS</th> <th style="width: 25%;">BODY</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">See Sect 8</td> <td style="text-align: center;"></td> <td style="text-align: center;">See Sect 8</td> </tr> </tbody> </table> <p style="text-align: center;">For Routine Industrial Use and Handling Applications</p>	PROTECTIVE EQUIPMENT				EYES	RESPIRATORY	HANDS	BODY		See Sect 8		See Sect 8
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EYES	RESPIRATORY	HANDS	BODY										
	See Sect 8		See Sect 8										
<p><b>Hazard Scale: 0 = Minimum 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic Hazard</b></p>													

**SECTION 6 - ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)**

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

Use cautious judgment when cleaning up spill. Wear suitable protective clothing, gloves, and eye/face protection.

**6.2 Environmental Precautions:**

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

**6.3 Spill and Leak Response:**

**Small Spills:**

- Collect material via broom or mop. Place in tightly sealed containers for proper disposal.
- Approach spill areas with caution.
- If liquid was introduced, create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material.

**Large Spills:**

- Place in leak-proof containers. Seal tightly for proper disposal.
- Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations).

**SECTION 7 - HANDLING AND STORAGE****7.1 Precautions for Safe Handling:**

To prevent eye contact under the foreseeable conditions of use, wear appropriate safety eyewear. When handling, do not eat, drink, or smoke. Wash thoroughly after handling. Do not handle or store near heat, sparks, or flame.

**7.2 Storage and Handling Practices:**

Keep away from incompatible materials. Keep container closed when not in use and store in well ventilated area.

**7.3 Specific Uses:**

See Section 1.2

**SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION****8.1 Exposure Parameters:**

<b>Ingredients</b>	<b>CAS No.</b>	<b>OSHA PEL</b>	<b>NIOSH PEL</b>
Siliceous Material	14808-60-7	0.1 mg/m <sup>3</sup>	0.05 mg/m <sup>3</sup>
Asphalt	8052-42-4	Not listed	Not listed
Water	7732-18-5	Not listed	Not listed
Carbon Black	1333-86-4	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>

**8.2 Exposure Controls:****Ventilation and Engineering Controls:**

Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

*The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132), or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*

**Respiratory Protection:**

Not required for properly ventilated areas.  
Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

**Eye Protection:**

Safety glasses or goggles are required.  
If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

**Hand Protection:**

Chemical resistant gloves are required to prevent skin contact.  
If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

**Body Protection:**

Use body protect appropriate to task being performed.  
If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on Basic Physical and Chemical Properties:**

**Appearance (Physical State and Color):** This product is a blackish/brown viscous liquid

**Odor:** No odor

**Odor Threshold:** No data available

**pH:** No data available

**Melting/Freezing Point:** No data available

**Boiling Point:** Same as water

**Flash Point:** No data available

**Evaporation Rate:** Equivalent to water

**Flammability (Solid; Gas):** No data available  
**Upper/Lower Flammability or Explosion Limits:** Not data available  
**Vapor Pressure (mm Hg @ 20°C (68° F):** 17  
**Vapor Density:** Same as water  
**Relative Density:** No data available  
**Specific Gravity:** 1.32  
**Solubility in Water:** Dissolves in water  
**Weight per Gallon:** No data available  
**Partition Coefficient (n-octanol/water):** No data available  
**Auto-Ignition Temperature:** No data available  
**Decomposition Temperature:** No data available  
**Viscosity:** No data available

**9.2 Other Information:** No data available

## SECTION 10 - STABILITY AND REACTIVITY

**10.1 Reactivity:** This product is not reactive.  
**10.2 Stability:** Stable under conditions of normal storage and use.  
**10.3 Possibility of Hazardous Reactions:** Will not occur under normal conditions.  
**10.4 Conditions to Avoid:** Dusting conditions, contact with incompatibles.  
**10.5 Incompatible Substances:** Oxidizing agents.  
**10.6 Hazardous Decomposition Products:** No data available

## SECTION 11 - TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological Effects:

**Toxicity Data:** No specific data available for this product.

Acute toxicity	Based on available data, the classification criteria are not met
Skin corrosion / irritation	Skin Irritation Category 2
Serious eye damage / irritation	Eye Irritation Category 2A
Respiratory or skin sensitization	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Carcinogenicity Category 2
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Specific Target Organ Toxicity – Repeated Exposure – Category 1
Aspiration hazard	Based on available data, the classification criteria are not met

### 11.2 Route of Exposure:

#### Symptoms of Overexposure by Route of Exposure:

The most significant routes of overexposure for this product are by contact with skin or eyes. The symptoms of overexposure are described in the following paragraphs.

#### Acute:

Inhalation: No data available.  
 Skin Contact: Skin contact may cause irritation.  
 Eye Contact: Contact with eyes may cause irritation.  
 Ingestion: Ingestion of this product may cause irritation.

**Chronic:** Repeated or prolonged exposure may cause damage to lungs.

#### Target Organs:

Acute: Eyes, Skin  
 Chronic: Lungs

#### Suspected Cancer Agent:

Ingredients within this product are found on one or more of the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are considered to be cancer-causing agents by these agencies.  
 Carbon Black

<b>Irritancy:</b>	This product is expected to be an eye and skin irritant.
<b>Sensitization to the Product:</b>	This product is not expected to cause skin sensitization.
<b>Germ Cell Mutagenicity:</b>	This product does not contain ingredients that are suspected to be a germ cell mutagenic.
<b>Reproductive Toxicity:</b>	This product is not expected to be a human reproductive toxicant.

## **SECTION 12 - ECOLOGICAL INFORMATION**

<b><u>12.1 Toxicity:</u></b>	No specific data available on this product.
<b><u>12.2 Persistence and Degradability:</u></b>	No specific data available on this product.
<b><u>12.3 Bioaccumulative Potential:</u></b>	No specific data available on this product.
<b><u>12.4 Mobility in Soil:</u></b>	No specific data available on this product.
<b><u>12.5 Results of PBT and vPvB Assessment:</u></b>	No specific data available on this product.
<b><u>12.6 Other Adverse Effects:</u></b>	No data available
<b><u>12.7 Water Endangerment Class:</u></b>	At present, there are no ecotoxicological assessments for this product.

## **SECTION 13 - DISPOSAL CONSIDERATIONS**

<b>13.1 Waste Treatment Methods:</b>	Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Australia, EU Member States and Japan.
<b>13.2 EU Waste Code:</b>	Not determined

## **SECTION 14 - TRANSPORTATION INFORMATION**

### **14.1 U.S. Department of Transportation (DOT) Shipping Regulations (BULK):**

*This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.*

<b>UN Identification Number:</b>	None
<b>Proper Shipping Name:</b>	Not Regulated
<b>Hazard Class Number and Description:</b>	None
<b>Packing Group:</b>	None
<b>DOT Label(s) Required:</b>	None
<b>North American Emergency Response Guidebook Number:</b>	None

### **14.2 Environmental Hazards:**

**Marine Pollutant:** The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

### **14.3 Special Precaution for User:**

None

### **14.4 International Air Transport Association Shipping Information (IATA):**

This product is not considered as dangerous goods.

### **14.5 International Maritime Organization Shipping Information (IMO):**

This product is not considered as dangerous goods.

## **SECTION 15 - REGULATORY INFORMATION**

### **15.1 Safety, Health and Environmental Regulations Specific for the Substance or Mixture:**

#### **United States Regulations:**

##### **U.S. SARA Reporting Requirements:**

The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

##### **U.S. SARA 311/312:**

Acute Health: Yes; Chronic Health: Yes; Fire: No; Reactivity: No

##### **U.S. CERCLA Reportable Quantity:**

None.

##### **U.S. TSCA Inventory Status:**

The components of this product are listed on the TSCA Inventory or are exempted from listing.

**Other U.S. Federal Regulations:**

None known

**California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):**

WARNING This product can expose you to chemicals such as Carbon Black, which is known to the State of California to cause cancer. For more information, go to [WWW.P65Warning.ca.gov](http://WWW.P65Warning.ca.gov).

**15.2 Canadian Regulations:****Canadian DSL/NDSL Inventory Status:**

Components are DSL Listed, NDSL Listed and/or are exempt from listing

**Other Canadian Regulations:**

Not applicable

**Canadian Environmental Protection Act (CEPA) Priorities Substances Lists:**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

**Canadian WHMIS Classification and Symbols:**

This product is classified per WHMIS Controlled Product Regulations.

**15.3 European Economic Community Information:**

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives. See Section 2 for Details.

**Chemical Safety Assessment:**

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

**15.4 Australian Information for Product:**

Components of this product are listed on the International Chemical Inventory list.

**15.5 Japanese Information for Product:**

**JAPAN INDUSTRIAL SAFETY AND HEALTH LAW:** This product has been classified per the Japan Industrial Safety and Health Law. See Section 2 for the GHS Classification.

**15.6 International Chemical Inventories:**

Listing of the components on individual country Chemical Inventories is as follows:

Australian Inventory of Chemical Substances (AICS): Listed

Korean Existing Chemicals List (ECL): Listed

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed

U.S. TSCA: Listed

**SECTION 16 - ADDITIONAL INFORMATION**

Prepared By: Chris Eigbrett

(MSDS to GHS Compliance)

Date of Printing: October 10, 2018

[www.msdsstoghs.com](http://www.msdsstoghs.com)

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. Western Colloid assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Western Colloid assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

**END OF SDS SHEET**