

# COLPLY Adhesive Flashing Cement

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 03/04/2015

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : COLPLY Adhesive Flashing Cement  
Product code :

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Asphalt roofing adhesive

#### 1.3. Details of the supplier of the safety data sheet

Manufacturer:  
SOPREMA USA  
310 Quadral Dr.  
Wadsworth, OH 44281  
Tel: 1-800-356-3521

Distributors:  
SOPREMA Canada  
1675 Haggerty Street  
Drummondville (Quebec) J2C 5P7  
Tel: 1-819-478-8163

SOPREMA Canada  
44955 Yale Road West  
Chilliwack (BC) V2R 4H3  
CANADA  
Tel: 1-604-793-7100

SOPREMA USA  
12251 Seaway Road  
Gulfport (Mississippi) 39507  
UNITED STATES  
Tel: 1-228-701-1900

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC 1-800-434-9300 (Acct.# CCN20515). CANUTEC 1-613-996-6666

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS-US)

Flam. Liq. 3

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS02

Signal word (GHS-US) : Warning  
Hazard statements (GHS-US) : Flammable liquid and vapor

Prevention (GHS-US) : Use explosion-proof electrical/ventilating/lighting equipment. Ground/bond container and receiving equipment. Keep away from heat/sparks/open flames/hot surfaces. No Smoking. Wear protective Gloves/eye protection/face protection. Take precautionary measures against static discharge. Obtain special instructions before use. Do not handle until all safety precautions have been read and Understood. Wash hands thoroughly after handling.

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|   |   |
|---|---|
| Response                                | In case of fire: Use CO2 for extinction. IF IN EYES: Rinse cautiously with water for several minutes.<br>Remove contact lenses if present and possible. Continue rinsing. IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water/shower. |
| Storage                                 | Store in well ventilated place. Keep cool. Store locked up.   |
| Disposal                                | Dispose of contents/container in accordance with local/regional/national/international regulations.   |
| Hazards not otherwise classified (HNOC) | None known.   |
| Supplemental information                | WARNING: This product contains a chemical known to the State of California to cause cancer.   |

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity (GHS-US)

No data available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name              | Product identifier  | %     |
|-------------------|---------------------|-------|
| Asphalt           | (CAS No) 8052-42-4  | 40-70 |
| Stoddard solvent  | (CAS No) 8052-41-3  | 15-30 |
| Calcium Carbonate | (CAS No) 471-34-1   | 15-30 |
| Quartz            | (CAS No) 14808-60-7 | <1    |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : If exposed or concerned: seek medical advice/attention. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Ensure that medical personnel are aware of the materials involved and take precautions to protect themselves.  |
| First-aid measures after inhalation   | : Move to fresh air. Supply oxygen or artificial respiration if needed. No mouth-to-mouth method if substance was inhaled. Induce artificial respiration with the aid of a Pocket mask equipped with a one-way valve or other proper respiratory medical device. Call poison control center immediately if ingestion of a large amount occurs. |
| First-aid measures after skin contact | : Rinse skin with water/shower. Get medical attention if irritation develops or persists. For minor skin contact, avoid spreading material on unaffected skin.   |
| First-aid measures after eye contact  | : Immediately flush eyes with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.  |
| Notes to physician                    | : In case of shortness of breath, give oxygen. Keep victim warm and under evaluation. Symptoms may be delayed.   |

### 4.2. Most important symptoms and effects, both acute and delayed

|                                    |                  |
|------------------------------------|------------------|
| Symptoms/injuries                  | : Not available. |
| Symptoms/injuries after inhalation | : Not available. |

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Foam. Dry powder. Carbon dioxide. Extinguish with water fog.             |
| Unsuitable extinguishing media | : Do not use a water jet as an extinguisher, as this will spread the fire. |

### 5.2. Special hazards arising from the substance or mixture

|                  |  |
|------------------|--|
| Fire hazard      | : Fire may produce irritating, corrosive and/or toxic gases. |
| Explosion hazard | : Not available.   |

### 5.3. Advice for firefighters

|                           |  |
|---------------------------|--|
| Firefighting instructions | : Firefighters must use standard protective equipment including flame retardant coat, helmet w/protective face shield, gloves, rubber boots, and SCBA in enclosed spaces |
|---------------------------|--|

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Protection during firefighting : In case of fire and/or explosions do not breathe fumes. Fight fire from maximum distance or use unmanned hose holders. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. Move containers from fire area if you can do so without risk. Do not get water inside container. For massive fire in cargo area, use unmanned hose holder if possible. If not, withdraw and let fire burn out. In the event of fire, cool tanks with water spray. SCBA and full protective clothing must be worn in case of fire.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove sources of ignition. Keep away unnecessary personnel. Keep people away from and upwind of spill. Ventilate closed spaces before entry. Do not touch emergency damaged containers or spilled material unless wearing appropriate protective clothing.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent further spillage or leakage if safe to do so. Do not contaminate water.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Dike far ahead of spill for later disposal. Cover with DRY earth, sand or non-combustible material followed w/ plastic sheet to minimize contact with rain. Never return spills to original containers for re-use.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapors are flammable.

Precautions for safe handling : DO NOT handle, store or open near open flame, sources of heat or ignition. Protect material from direct sunlight. All equipment used when handling the product must be grounded. Wear personal protective equipment. Avoid contact with skin. Do not get material in contact with eyes. Use only in well-ventilated areas. Avoid prolonged exposure. Wash thoroughly after handling.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : No information available.

Storage conditions : The pressure in sealed containers can increase when exposed to heat. Keep away from heat, sparks and open flame. Keep away from sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Protect electrostatic charge build-up by using common bonding and grounding techniques. Store in a well-ventilated area. Keep container tightly closed. Handle and store with care.

Incompatible products : Strong oxidizing agents.

Incompatible materials : Sources of ignition. Heat sources.

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| U.S. ACGIH Threshold Limit Values |      |                         |                     |
|-----------------------------------|------|-------------------------|---------------------|
| Components                        | Type | Value                   | Form                |
| Asphalt (8052-42-4)               | TWA  | 0.5 mg/m <sup>3</sup>   | Inhalable fraction  |
| Stoddard solvent (8052-41-3)      | TWA  | 100 ppm                 |                     |
| Quartz (14808-60-7)               | TWA  | 0.025 mg/m <sup>3</sup> | Respirable fraction |

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| US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) |      |                        |                     |
|--|------|------------------------|---------------------|
| Components   | Type | Value                  | Form                |
| Calcium carbonate (471-34-1)                                     | PEL  | 5 mg/m <sup>3</sup>    | Respirable fraction |
|  |      | 15 mg/m <sup>3</sup>   | Total dust          |
| Stoddard solvent (8052-41-3)                                     | PEL  | 2900 mg/m <sup>3</sup> |                     |
|  |      | 500 ppm                |                     |

| US OSHA Table Z-3 (29 CFR 1910.1000) |      |                      |      |
|--------------------------------------|------|----------------------|------|
| Components                           | Type | Value                | Form |
| Quartz                               | PEL  | 50 µg/m <sup>3</sup> |      |

### 8.2. Exposure controls

|                               |   |
|-------------------------------|---|
| Personal protective equipment | : Avoid all unnecessary exposure.   |
| Hand protection               | : Wear appropriate chemical resistant clothing and gloves.  |
| Eye protection                | : Do not get in eyes. Protective goggles are recommended.   |
| Respiratory protection        | : Wear certified respirator when concentrations are above recommended levels  |
| Other information             | : Do not smoke when using. Do not get in eyes. Avoid contact with skin. Keep away from food and drink. Handle in accordance with good hygiene and safety practice.  |
| Engineering controls          | : Good general ventilation (typically 10 air changes/hr.) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                                      |
|---|--------------------------------------|
| Physical state                              | : Liquid                             |
| Appearance                                  | : Liquid.                            |
| Color                                       | : Black                              |
| Odor  | : slight;hydrocarbon                 |
| Odor threshold                              | : No data available                  |
| pH  | : No data available                  |
| Relative evaporation rate (butyl acetate=1) | : No data available                  |
| Melting point                               | : No data available                  |
| Freezing point                              | : No data available                  |
| Boiling point                               | : 212 °F (100°C)                     |
| Flash point                                 | : 105°F, minimum (40.6°C) COC Method |
| Auto-ignition temperature                   | : No data available                  |
| Decomposition temperature                   | : No data available                  |
| Flammability (solid, gas)                   | : No data available                  |
| Vapor pressure                              | : No data available                  |
| Relative vapor density at 20 °C             | : No data available                  |
| Specific Gravity                            | : 1.07 – 1.2                         |
| Density                                     | : 9.00 – 10.00 lb/gal                |
| Solubility                                  | : Not available                      |
| Log Pow                                     | : No data available                  |
| Log Kow                                     | : No data available                  |
| Viscosity, kinematic                        | : No data available                  |
| Viscosity, dynamic                          | : No data available                  |
| Explosive properties                        | : No data available                  |
| Oxidizing properties                        | : No data available                  |
| Explosive limits                            | : No data available                  |

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### 9.2. Other information

VOC content : <250 g/L  
Percent volatile : 20-30%

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

### 10.4. Conditions to avoid

Heat, flames and sparks.

### 10.5. Incompatible materials

Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Irritants. Toxic gas.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Information on likely routes of exposure

|                     |   |
|---------------------|---|
| <b>Ingestion</b>    | May cause discomfort if swallowed. However, ingestion is not a likely route of occupational exposure.   |
| <b>Inhalation</b>   | May cause irritation to the respiratory system. However, this product does not currently meet the criteria for classification as a respiratory nuisance |
| <b>Skin contact</b> | Frequent or prolonged contact may defat and dry the skin, leading to discomfort & dermatitis  |
| <b>Eye contact</b>  | Causes eye irritation   |

#### Information on toxicological effects

**Acute toxicity** Not classified

### Product

COLPLY Adhesive Flashing Cement (mixture)

### Test Results

Acute Oral LD50 Mouse: 30714.2852 mg/kg estimated  
Acute Oral LD50 Rat: 30714.2852 mg/kg estimated

### Components

Calcium Carbonate (471-34-1)

### Test Results

Acute Oral LD50 Mouse: 6450 mg/kg  
Acute Oral LD50 Rat: 6450 mg/kg

**Local effects** Components of the product may be absorbed into the body through the skin. Contact may irritate or burn eyes.

**Chronic effects** Hazardous by OSHA criteria. Prolonged inhalation may be harmful. Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood. Prolonged exposure may cause chronic effects.

**Sub chronic effects** Kidney injury may occur.

**Carcinogenicity** Hazardous by OSH criteria. This product contains crystalline silica. Silica is a known carcinogen; however in this encapsulated form the normal routes of exposure are unavailable

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### ACGIH Carcinogens

Asphalt (8052-42-4) A4 Not classifiable as a human carcinogen  
Quartz (14808-60-7) A2 Suspected human carcinogen

### IARC Monographs. Overall Evaluation of Carcinogenicity

Asphalt (8052-42-4) 2B Possibly carcinogenic to humans  
3 Not classifiable as to carcinogenicity to humans  
Quartz (14808-60-7) 1 Carcinogenic to humans  
Stoddard Solvent (8052-41-3) 3 Not classifiable as to carcinogenicity to humans

### US NTP Report on Carcinogens: Known carcinogen

Quartz (14808-60-7) Known to be Human Carcinogen

**Epidemiology** Hazardous by OSHA criteria  
**Neurological effects** Hazardous by OSHA criteria  
**Further Information** Symptoms may be delayed

## SECTION 12: Ecological information

### 12.1. Toxicity

| COLPLY Adhesive Flashing Cement | Test Results                                    |
|---------------------------------|---|
| Calcium Carbonate (471-34-1)    | LC50 Western mosquitofish: > 56000mg/l 96 hours |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Effect on ozone layer : No additional information available  
Effect on the global warming : No additional information available  
Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of this material and its container to a hazardous or special waste collection point. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose in accordance with all applicable regulations.  
Additional information : No additional information available.  
Ecology - waste materials : Avoid release to the environment.  
Hazardous waste code : D001: Waste Flammable material with a flash point <140 F°

## SECTION 14: Transport information

### DOT

#### Basic shipping requirements:

**UN Number** UN1999  
**Proper shipping name** Tars, liquid  
**Hazard class** Combustible liquid  
**Packing group** III  
**Environmental hazards**

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**Marine pollutant** No

### Additional information:

**Special provisions** B1, B13, IB3, T1, TP3

**Packaging exceptions** 150

**Packaging non bulk** 203

**Packaging bulk** 242

**ERG number** 130

**Further information** If shipped by ground in quantities LESS than 119 gallons, material is not regulated as a hazardous material. When shipped in quantities GREATER than 119 gallon, container must bear DOT CLASS 3 COMBUSTIBLE label.

### IATA

**UN number** UN1999

**UN proper shipping name** Tars, liquid

**Transport hazard class(es)**

**Class** 3

**Subsidiary risk** -

**Packing group** III

**Environmental hazards** No

**ERG Code** 3L

**Special precautions for user** Not available

### Other information

**Passenger and cargo aircraft** Allowed

**Cargo aircraft only** Allowed

### IMDG

**UN number** UN 1999

**UN proper shipping name** Tars, liquid

**Transport hazard class(es)**

**Class** 3

**Subsidiary risk** -

**Packing group** III

**Environmental hazards**

**Marine pollutant** No

**EmS** F-E, S-E

**Special precautions for user** Not available

**Transport in bulk according to** Not available

**Annex II of MARPOL 73/78 and the IBC Code**

**DOT Labeling (On packaging containing > 119 US gallons)**



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### Additional information

Other information : No additional information.

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

**US Federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200  
CERCLA/SARA Hazardous Substances – Not applicable.

**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04 (f)(2))**

Not regulated

**DEA Essential Chemical Code Number**

Not regulated

**Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12 (c))**

Not regulated

**DEA Exempt Chemical Mixtures Code Number**

Not Regulated

**CERCLA (Superfund) reportable quantity**

None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard – Yes  
Delayed Hazard – Yes  
Fire Hazard – Yes  
Pressure Hazard – No  
Reactivity Hazard – No

**Section 302 extremely** No

**Hazardous substance**

**Section 311 hazardous** No

**Chemical**

### Inventory Status

| Country(s) or region | Inventory name   | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia            | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada               | Domestic Substances List (DSL)   | No                     |
| Canada               | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe               | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe               | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                | Existing Chemicals List (ECL)  | No                     |
| New Zealand          | New Zealand Inventory  | Yes                    |
| Philippines          | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |
| USA & Puerto Rico    | Toxic Substances Control Act (TSCA) Inventory                          | No                     |

\*A "Yes" indicates that all components of this product comply with inventory requirements administered by the governing country(s)

### State regulations

WARNING: This product contains a chemical known to the State of California to cause cancer

**US – California Proposition 65 – CRT: Listed date/Carcinogenic substance**

Asphalt (8052-42-4)

Listed: January 1, 1990 Carcinogenic

Quartz (14808-60-7)

Listed: October 1, 1988 Carcinogenic



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### US – New Jersey RTK – Substances: Listed substance

|                              |        |
|------------------------------|--------|
| Asphalt (8052-42-4)          | Listed |
| Calcium Carbonate (471-34-1) | Listed |
| Quartz (14808-60-7)          | Listed |
| Stoddard Solvent (8052-41-3) | Listed |

### US – Pennsylvania RTK – Hazardous Substances: Listed substance

|                              |        |
|------------------------------|--------|
| Asphalt (8052-42-4)          | Listed |
| Calcium Carbonate (471-34-1) | Listed |
| Quartz (14808-60-7)          | Listed |
| Stoddard Solvent (8052-41-3) | Listed |

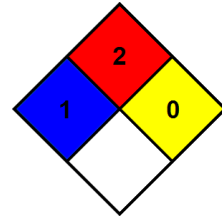
### US – Pennsylvania RTK – Hazardous Substances: Special Hazard

|                     |                |
|---------------------|----------------|
| Asphalt (8052-42-4) | Special Hazard |
|---------------------|----------------|

## SECTION 16: Other information

Revision date : 9/07/2016  
Other information : None.

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.  
NFPA fire hazard : 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.  
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



SDS US (GHS HazCom 2012) - Custom

*This SDS contains all the information required by ANSI Z400.1 standard (United States), by regulation 29 CFR Part 1910-1200 of the Hazard Communication Standard of OSHA and is in accordance with DORS/88-66 of WHMIS (Canada).*

*The best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*