



# C Cement M-9184

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## SAFETY DATA SHEET

### SECTION 1 – IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

- 1.1 Product Identifier: C Cement  
Product Name: C Cement Product Codes: M-9184
- 1.2 General Use: Cement, adhesive  
Product Description:
- 1.3 Distributor Manufacturer  
Akron Paint and Varnish, Inc.  
(dba APV Engineered Coatings)  
1390 Firestone Parkway  
Akron, Ohio 44301 USA
- 1.4 Telephone Information Telephone: (330) 773-8911  
Facsimile: (330) 773-1028  
Emergency Telephone: (330) 773-8911  
Emergency Telephone (spills):  
CHEMTREC 1(703) 527-3887

### SECTION 2 – HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture  
This product has been classified in accordance with Directive 1207/2008 as amended.
- Flammable category 2; H225  
Skin corrosion/Irritation 2; H315  
Aspiration 1; H304  
STOT-SE 3; H336  
Aquatic Chronic 2; H411

2.2 Label elements



**DANGER**

Contains: Naphtha (petroleum) hydrotreated light

- |        |                                                  |
|--------|--------------------------------------------------|
| (H225) | Highly flammable liquid and vapour.              |
| (H304) | May be fatal if swallowed and enters airways.    |
| (H315) | Causes skin irritation.                          |
| (H336) | May cause drowsiness or dizziness.               |
| (H411) | Toxic to aquatic life with long lasting effects. |

Prevention:

- |        |                                                                    |
|--------|--------------------------------------------------------------------|
| (P210) | Keep away from heat/sparks/open flames/hot surfaces. – No smoking. |
| (P233) | Keep container tightly closed.                                     |

Response:

- |                  |                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------|
| (P303+P361+P353) | IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. |
| (P301+P310)      | IF SWALLOWED: Immediately call a POISON CENTER or doctor.                                         |
| (P331)           | Do NOT induce vomiting.                                                                           |



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Storage:  
(P403+P235) Store in a well-ventilated place. Keep cool.

Other hazards  
None

### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances  
3.2 Mixtures

<u>CAS #</u>	<u>EINECS # / EC #</u>	<u>Chemical Name</u>	<u>Percentage (wt/wt)</u>	<u>Classifications (EU DSD / EU CLP)*</u>	
May contain (dependant on product):					
64742-49-0	265-151-9/	Naphtha (petroleum) hydrotreated light	50-80	F; R11 Xn; R65 Xi; R38-67 N; R51/53	Flam 2; H225 Skin Irr 2; H315 Asp Tox 1; H304 STOT-SE 3; H336 Aquatic Chr 2; H411
1333-86-4	215-609-9	Carbon black	1-1.5	Substance with a Community workplace exposure limit	

See Section 16 for full text of risk phrases and hazard statements.

\*DSD = Directive 67/548/EEC – Dangerous Substances Directive

\*CLP = Regulation 1272/2008 – Classification, Labelling, and Packaging

\*\* Annex I classification for EINECS #265-151-9 modified per benzene content below 0.1% (Note P) and other available information.

### SECTION 4 – FIRST AID MEASURES

4.1 Description of first aid measures:

**EYES:** Do not allow victim to rub eye(s). Let the eye water naturally for a few minutes. If necessary, flush with lukewarm gently flowing water for 15 minutes or until chemical is removed while holding eyelid open. If irritation persists, obtain medical attention.

**SKIN:** If irritation occurs, flush with lukewarm, gently flowing water for 15 minutes or until chemical is removed.

**INGESTION:** NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. DO NOT INDUCE VOMITING. Have victim drink 60 to 240 ml of water. If vomiting occurs naturally have victim lean forward to reduce risk of aspiration. Have victim rinse mouth with water again. Obtain medical advice.

**INHALATION:** If symptoms are experienced, remove source of contamination or move victim to fresh air and obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed:

**EYES:** May cause transitory redness, irritation, swelling or blurred vision. Contact physician if symptoms persist.

**SKIN:** Causes irritation. Prolonged or repeated contact may cause irritation or dermatitis.

**INGESTION:** Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. If vomiting occurs, aspiration may cause lung damage.

**INHALATION:** May cause drowsiness or dizziness. May cause irritation. Obtain medical help if respiratory distress develops.



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4.3 Indication of any immediate medical attention and special treatment needed: None known

## SECTION 5 – FIREFIGHTING MEASURES

- 5.1 Extinguishing media Carbon dioxide; dry chemical; foam; water fog. Use caution when applying carbon dioxide in confined spaces. DO NOT use a solid stream of water directly on the fire. Water fog and spray are effective in cooling containers and adjacent structures.
- 5.2 Special hazards arising from the substance or mixture This product can release vapours at or below ambient temperatures. When mixed with air in certain proportions and exposed to an ignition source, its vapour can cause a flash fire. Vapours are heavier than air and may travel long distances along the ground to an ignition source and flash back. A vapour and air mixture can create an explosion hazard in confined spaces such as sewers.
- 5.3 Advice for firefighters Use water for cooling material stored in vicinity of fire. Wear protective clothing and use self-contained breathing apparatus.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures Wear appropriate personal protective equipment.
- 6.2 Environmental precautions Flammable liquid. Prevent contamination of soil, drains and surface waters. Product is almost insoluble in water and will float on the surface. Avoid discharging to sewers or waterways.
- 6.3 Methods and material for containment and cleaning up Release causes an immediate fire or explosion hazard. Evacuate all non-essential personnel from immediate area. Eliminate all ignition sources. All equipment used when handling must be grounded.
- Stop the leak if it can be done without risk. Do not touch or walk through spilled material.
- Small spills: Absorb or cover with dry earth, sand or other non-combustible material. Place in chemical waste container and follow directions for proper disposal. Use clean, non-sparking tools to collect absorbed material.
- Large spills: Secure area and control access. Dike far ahead of a liquid spill to ensure complete collection. Absorb spill with inert material. Collect free liquid for disposal. Place in chemical waste container. Collect any excess material with absorbent pads, sand, or other inert on-combustible absorbent materials. Do not discharge to sewers or waterways.
- 6.4 Reference to other sections Consult Section 8

## SECTION 7 – HANDLING AND STORAGE

- 7.1 Precautions for safe handling Keep away from food, drink and heat.
- 7.2 Conditions for safe storage, including any incompatibilities Keep tightly closed in a dry, cool and well-ventilated place. Do not handle or store near heat, sparks, or any other potential ignition



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sources. Avoid contact with oxidizing agents.

7.3 Specific end use(s)

Adhesive

### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

8.1.1 Occupational exposure limits\*:

Chemical	Limit value – 8 hours		Limit value – Short term	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
<u>Carbon black**:</u>				
Austria	-	-	-	-
Belgium	-	3,5	-	-
Denmark	-	3,5	-	-
European Union	-	-	-	-
France	-	3,5	-	-
Germany	-	-	-	-
Hungary	-	-	-	-
Italy	-	-	-	-
Latvia	-	-	-	-
Poland	-	-	-	-
Spain	-	3,5	-	-
Sweden	-	3	-	-
The Netherlands	-	-	-	-
United Kingdom	-	3,5	-	-

\* Directive 2000/39/EC; users should check local exposure limits.

\*\*These chemicals are incorporated in the product and are not in inhalable or respirable form as placed on the market.

8.1.2 Currently recommended monitoring procedures:

Not determined

8.1.3 Exposure guidelines for air contaminants, if any:

Not determined

8.1.4 DNELs and PNECs for exposure scenarios:

Not determined

8.1.5 Control banding for risk management:

Not determined

8.2 Exposure controls:

Engineering controls: Use in well-ventilated area with mechanical exhaust.

Respiratory protection: Use as directed by safety coordinator.

Skin & body protection: Gloves

Eye protection: Safety glasses or goggles

Thermal hazards: None

Environmental exposure controls: None

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:



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Appearance:	Black liquid
Odour:	Odourless
Odour threshold:	None
pH:	Not applicable
Melting/freezing point	Not determined
Initial boiling point & boiling range:	93° - 99° C (naphtha (petroleum) hydrotreated light)
Flash point:	-9°C (Tagliabue ASTM D56)
Evaporation rate:	Not determined
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits:	Not determined
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	0.78983
Solubility(ies)	Insoluble in water
Partition coefficient:	Not determined
Auto-ignition temperature:	Not applicable
Decomposition temperature:	Not applicable
Viscosity:	Not determined
Explosive properties:	None
Oxidising properties:	None
Other: Density:	Not determined
Total volatiles (volume)%:	67.8
Total volatiles (weight)%:	60.0
VOC (wet) (g/l):	474.9

9.2 Other information: None

### SECTION 10 – STABILITY AND REACTIVITY

10.1 Reactivity:	Stable
10.2 Chemicals stability:	Stable
10.3 Possibility of hazardous reactions:	Will not occur
10.4 Conditions to avoid:	Keep away from heat and open flame
10.5 Incompatible materials:	Avoid accidental contact with strong oxidizers (e.g., nitric acid)
10.6 Hazardous decomposition products:	In case of fire, formation of CO <sub>x</sub> and various hydrocarbons

### SECTION 11 – TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

Mixture:  
The acute effects of this product have not been tested.



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<u>Category</u>	<u>Available data</u>
Acute toxicity:	Based on available data, the classification criteria are not met.
Skin/eye irritation:	Causes skin irritation
Corrosivity:	None
Respiratory or skin sensitisation:	Not expected
Germ cell mutagenicity:	Not expected
Carcinogenicity:	Based on available data, the classification criteria are not met.  Content of benzene, if any, is <0.0008%
Reproductive toxicity:	None expected
STOT-SE:	May cause drowsiness or dizziness
STOT-RE:	None expected
Aspiration hazard:	May be fatal if swallowed and enters airways.

ROUTE OF ENTRY: Inhalation. Skin and/or eye contact.

### SECTION 12 – ECOLOGICAL INFORMATION

12.1 Toxicity:	Toxic to aquatic life with long lasting effects
12.2 Persistence and degradability:	Not determined
12.3 Bioaccumulative potential:	Not determined
12.4 Mobility in soil:	Not determined
12.5 Results of PBT and vPvB assessment:	Not determined
12.6 Other adverse effects:	None

### SECTION 13 – DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods: None
- 13.2 Other: Consult local regulations. Controlled incineration is recommended for disposal of unused product. Prevent contamination of soil, drains and surface waters. Dispose of large containers to a licensed reconditioner. Dispose of small containers in compliance with local regulations.

### SECTION 14 – TRANSPORT INFORMATION

#### ARD/RID

Proper Shipping Name	Adhesives containing flammable liquid
Class	3
Classification Code	F1
UN Number	1133
Packing Group	III
Environmental hazard	Yes
Special provisions	640H

#### IMDG

Proper Shipping Name	Adhesives containing flammable liquid
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Class 3  
EmS F-E S-D  
UN Number 1133  
Packing Group III  
Flashpoint -9°C

### ICAO/IATA

Proper Shipping Name Adhesives containing flammable liquid  
Class 3  
Packing Instruction 309; Y309  
UN Number 1133  
Packing Group III

Special precautions for user: None

### SECTION 15 – REGULATORY INFORMATION

#### 15.1 Safety health and environmental regulations:

##### a. Global inventory status:

Country	Inventory Status	Notes
Australia	Not determined	
Canada	Not determined	
China	Not determined	
Europe	On EINECS	
Japan	Not determined	
Korea	Not determined	
New Zealand	Not determined	
Philippines	Not determined	
Taiwan	Not determined	
United States	On TSCA	

##### b. Other:

The following chemicals are indicated in Annex XII of Regulation 1907/2007. Consult the most current list of restrictions for details.

None

##### Germany:

Wassergefährdungsklasse WGK (VwVwS): Not determined

#### 15.2 Chemical Safety Assessment:

Has not been made

#### 15.3 Other:

##### Canada:

Controlled Products Regulation (CPR): This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.

Workplace Hazardous Materials Information System (WHMIS) Classification: B2, D2B

##### Japan:

Pollutant Release and Transfer Register (PRTR): Not determined

Industrial Safety and Health Law (ISHL): Not determined



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### SECTION 16 – OTHER INFORMATION

SDS Status: Version 1  
Changes: New format

Replaces version: New

#### List of Hazard Statements in Section 3

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

#### List of R-phrases in Section 3

R11	Highly flammable.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness or dizziness.

Methods used for evaluation: For CLP, methods as described in Annex I.

**KEY:** DNEL = Derived No-Effect Level; IARC = International Agency for Research of Cancer; WEL = Workplace Exposure Limits; OEL = Occupational Exposure Limits; PBT = Persistent, Bioaccumulative, Toxic; PNEC = Predicted No-Effect Concentration; TWA = Time Weighted Average (8 hours); STEL = Short Term Exposure Limit (15 minutes); ppm = parts per million; vPvB = very Persistent, very Bioaccumulative

The data given is based on current knowledge. The purpose of this Safety Data sheet is to describe the product in terms of its safety requirements. The data do not imply any warranty with regard to product properties.