

NCA002_A1

Safety Data Sheet CEILCOTE#2 HARDENER PART B

Sales
Order: {SalesOrd}
NCA002
06/04/2015
A1-4

Bulk Sales Reference No.:
SDS Revision Date:
SDS Revision Number:



1. Identification of the preparation and company

1.1. Product identifier

Product Identity CEILCOTE#2 HARDENER PART B
Bulk Sales Reference No. NCA002

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

Intended Use See Technical Data Sheet.
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name International Paint LLC
6001 Antoine Drive
Houston Texas 77091

Emergency

CHEMTREC (USA) (800) 424-9300
International Paint (713) 682-1711
Poison Control Center (800) 854-6813
Customer Service
International Paint (800) 589-1267
Fax No. (800) 631-7481

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Combustible Liquid;H227 Combustible Liquid.
Org. Perox. E;H242 Heating may cause a fire.
Acute Tox. 4;H302 Harmful if swallowed.
Acute Tox. 3;H311 Toxic in contact with skin.
Skin Corr. 1B;H314 Causes severe skin burns and eye damage.
Eye Dam. 1;H318 Causes serious eye damage.
STOT RE 2;H373 May cause damage to organs through prolonged or repeated exposure.
Aquatic Chronic 2;H411 Toxic to aquatic life with long lasting effects.

2.2. Label elements

Using the Toxicity Data listed in section 11 & 12 the product is labelled as follows.



Danger.

H227 Combustible liquid.
H242 Heating may cause a fire.
H302 Harmful if swallowed.

H311 Toxic in contact with skin.
 H314 Causes severe skin burns and eye damage.
 H318 Causes serious eye damage.
 H335 May cause respiratory irritation.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H411 Toxic to aquatic life with long lasting effects.

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
 P234 Keep only in original container.
 P260 Do not breathe mist / vapors / spray.
 P270 Do not eat, drink or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area.
 P273 Avoid release to the environment.
 P280 Wear protective gloves / eye protection / face protection.
 P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P302+352 IF ON SKIN: Wash with soap and water.
 P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
 P310 Immediately call a POISON CENTER or doctor / physician.
 P314 Get Medical advice / attention if you feel unwell.
 P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P363 Wash contaminated clothing before reuse.
 P370+376 In case of fire: Stop leak if safe to do so.
 P391 Collect spillage.
 P403+235 Store in a well ventilated place. Keep cool.
 P405 Store locked up.
 P410 Protect from sunlight.
 P420 Store away from other materials.
 P501 Dispose of contents / container in accordance with local / national regulations.

HMIS Rating Health: 3 Flammability: 2 Reactivity: 3

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Cumene hydroperoxide CAS Number: 0000080-15-9	75 - 100	Org. Perox. E;H242 Acute Tox. 3;H331 Acute Tox. 4;H312 Acute Tox. 4;H302 STOT RE 2;H373 Skin Corr. 1B;H314 Aquatic Chronic 2;H411	[1]
Cumene CAS Number: 0000098-82-8	1.0 - 10	Flam. Liq. 3;H226 Asp. Tox. 1;H304 STOT SE 3;H335 Aquatic Chronic 2;H411	[1][2]
Acetophenone CAS Number: 0000098-86-2	1.0 - 10	Acute Tox. 4;H302 Eye Irrit. 2;H319	[1][2]

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of first aid measures

General	Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
Eyes	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin	In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately.
Ingestion	If swallowed, immediately contact Poison Control Center at 1-800-854-6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person.

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

Overview	NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid contact with eyes, skin and clothing. Exposure to Cumene may cause depression of central nervous system, narcosis, and changes in respiratory system and sense of smell.
Inhalation	Harmful if inhaled. May cause allergic respiratory reaction. May cause mucous membrane and respiratory tract irritation, tightness of chest, headache, shortness of breath and dry cough. May cause asthma-like symptoms to occur. Vapors may affect the brain or nervous system causing dizziness, headache or nausea.
Eyes	Causes severe eye irritation. Avoid contact with eyes.
Skin	Causes skin irritation. May be harmful if absorbed through the skin.
Ingestion	Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness.

Chronic effects

5. Fire-fighting measures

5.1. Extinguishing media

SMALL FIRES: Water spray or fog is preferred, If water is not available use dry chemical, CO₂, or regular foam. LARGE FIRES: Flood fire area with water from a distance. Use water spray or fog; do not use straight streams. Move containers from fire area if you can do so without risk. Do not move cargo or vehicle if cargo has been exposed to heat. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Cool containers with flooding quantities of water until well after fire is out. ALWAYS stay away from tanks engulfed in fire. For massive fire, use unmanned hose holders or monitor nozzles; If this is impossible, withdraw from area and let fire burn.

5.2. Special hazards arising from the substance or mixture

Material will accelerate burning when involved in a fire. May decompose explosively when heated or involved in a fire. May explode from heat or contamination. May react explosively with hydrocarbons (fuels). May ignite combustibles (wood, paper, oil, clothing, etc.). Containers may explode when heated. Runoff may create fire or explosion hazard.

5.3. Advice for fire-fighters

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

ERG Guide No.	May explode from heat or contamination. May ignite combustibles (wood, paper, oil, clothing, etc.). May be ignited by heat, sparks, or flame. May burn rapidly with flare-burning effect. Containers may explode when heated. Runoff may create fire or explosion hazard.
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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep combustibles (wood, paper, oil, clothing, etc.) away from spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Stop leak if you can do so without risk. Use a NON-COMBUSTIBLE material to absorb the product, and transfer to a container for later disposal. LARGE SPILLS: Dike far ahead of liquid spill to contain released material and runoff from fire control. DO NOT GET WATER INSIDE CONTAINERS. Following product recovery, flush area with water.

6.2. Environmental precautions

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Do not allow spills to enter drains or watercourses.

6.3. Methods and material for containment and cleaning up

CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 10 to 25 meters (30 to 80 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. **LARGE SPILLS:** Consider initial downwind evacuation for at least 100 meters (330 feet).

7. Handling and storage

7.1. Precautions for safe handling

Handling

Vapors may cause flash fire or ignite explosively.

In Storage

Keep away from heat, sparks and flame.

7.2. Conditions for safe storage, including any incompatibilities

Store between 40-100F (4-38C).

Do not get in eyes, on skin or clothing.

Strong oxidizing agents.

Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone.

7.3. Specific end use(s)

Close container after each use.

Wash thoroughly after handling.

Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0000080-15-9	Cumene hydroperoxide	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	No Established Limit
		Mexico	No Established Limit
		Brazil	No Established Limit
0000098-82-8	Cumene	OSHA	50 ppm TWA; 245 mg/m3 TWA
		ACGIH	50 ppm TWA
		NIOSH	50 ppm TWA; 245 mg/m3 TWA 900 ppm IDLH (10% LEL)
		Supplier	No Established Limit
		OHSA, CAN	50 ppm TWA
		Mexico	50 ppm TWA LMPE-PPT; 245 mg/m3 TWA LMPE-PPT 75 ppm STEL [LMPE-CT]; 365 mg/m3 STEL [LMPE-CT]
		Brazil	39 ppm TWA LT; 190 mg/m3 TWA LT
0000098-86-2	Acetophenone	OSHA	No Established Limit
		ACGIH	10 ppm TWA
		NIOSH	No Established Limit
		Supplier	No Established Limit
		OHSA, CAN	10 ppm TWA
		Mexico	No Established Limit

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	Brazil	No Established Limit
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Health Data

CAS No.	Ingredient	Source	Value
0000080-15-9	Cumene hydroperoxide	NIOSH	No Established Limit
0000098-82-8	Cumene	NIOSH	Eye skin
0000098-86-2	Acetophenone	NIOSH	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000080-15-9	Cumene hydroperoxide	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000098-82-8	Cumene	OSHA	Select Carcinogen: Yes
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
0000098-86-2	Acetophenone	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory	Select equipment to provide protection from the ingredients listed in Section 3 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates dust, vapor, or mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M RESPIRATORY PROTECTION ONLY: For information and assistance on 3M occupational health and safety products, call OH&ESD Technical Service toll free in U.S.A. 1-800-243-4630, in Canada call 1-800-267-4414. Please do not contact these numbers regarding other manufacturer's respiratory protection products. 3M does not endorse the accuracy of the information contained in this Material Safety Data Sheet.
Eyes	Avoid contact with eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.
Skin	Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, protective gloves, apron, boots, head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use.
Engineering Controls	Depending on the site-specific conditions of use, provide adequate ventilation.
Other Work Practices	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc. Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap and water.

9. Physical and chemical properties

Appearance	Coloured Liquid
Odour threshold	Not Measured
pH	No Established Limit
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	No Established Limit (°C) No Established Limit(°F)
Flash Point	77 (°C) 171 (°F)
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable

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Upper/lower flammability or explosive limits	Lower Explosive Limit:
	Upper Explosive Limit: No Established Limit
vapor pressure (Pa)	Not Measured
Vapor Density	Heavier than air
Specific Gravity	1.06
Solubility in Water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	No Established Limit Not Measured
VOC %	Refer to the Technical Data Sheet or label where information is available.

10. Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

This product is stable and hazardous polymerization will not occur. Not sensitive to mechanical impact. Excessive heat and fumes generation can occur if improperly handled.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Material will accelerate burning when involved in a fire. May decompose explosively when heated or involved in a fire. May explode from heat or contamination. May react explosively with hydrocarbons (fuels). May ignite combustibles (wood, paper, oil, clothing, etc.). Containers may explode when heated. Runoff may create fire or explosion hazard.

11. Toxicological information

Acute toxicity

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr
Cumene hydroperoxide - (80-15-9)	382.00, Rat - Category: 4	500.00, Rabbit - Category: 3	No data available	No data available
Cumene - (98-82-8)	1,400.00, Rat - Category: 4	10,627.00, Rabbit - Category: NA	No data available	No data available
Acetophenone - (98-86-2)	815.00, Rat - Category: 4	16,329.00, Rabbit - Category: NA	No data available	No data available

Item	Category	Hazard
Acute Toxicity (mouth)	4	Harmful if swallowed.
Acute Toxicity (skin)	3	Toxic in contact with skin.
Acute Toxicity (inhalation)	Not Classified	Not Applicable
Skin corrosion/irritation	1B	Causes severe skin burns and eye damage.
Eye damage/irritation	1	Causes serious eye damage.

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Sensitization (respiratory)	Not Classified	Not Applicable
Sensitization (skin)	Not Classified	Not Applicable
Germ toxicity	Not Classified	Not Applicable
Carcinogenicity	Not Classified	Not Applicable
Reproductive Toxicity	Not Classified	Not Applicable
Specific target organ systemic toxicity (single exposure)	Not Classified	Not Applicable
Specific target organ systemic Toxicity (repeated exposure)	2	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	Not Classified	Not Applicable

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Cumene hydroperoxide - (80-15-9)	3.90, Oncorhynchus mykiss	7.00, Daphnia magna	Not Available
Cumene - (98-82-8)	2.70, Oncorhynchus mykiss	10.60, Daphnia magna	2.60 (72 hr), Pseudokirchneriella subcapitata
Acetophenone - (98-86-2)	155.00, Pimephales promelas	Not Available	0.00 (96 hr),

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available

13. Disposal considerations

13.1. Waste treatment methods

Do not allow spills to enter drains or watercourses.

Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section 15 if listed).

14. Transport information

14.1. UN number

UN3109

14.2. UN proper shipping name

ORGANIC PEROXIDE TYPE F LIQUID (CONTAINS: CUMYL HYDROPEROXIDE)

14.3. Transport hazard class(es)

DOT (Domestic Surface Transportation)

IMO / IMDG (Ocean Transportation)

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DOT Proper Shipping Name	ORGANIC PEROXIDE TYPE F LIQUID (CONTAINS: CUMYL HYDROPEROXIDE)	IMDG Proper Shipping Name	ORGANIC PEROXIDE TYPE F LIQUID (CONTAINS: CUMYL HYDROPEROXIDE)
DOT Hazard Class	Organic Peroxide	IMDG Hazard Class Sub Class	Organic Peroxide Not applicable
UN / NA Number	UN3109	IMDG Packing Group	II
DOT Packing Group	II	System Reference Code	41
CERCLA/DOT RQ	1.26 gal. / 11 lbs.		

14.4. Packing group II

14.5. Environmental hazards

IMDG Marine Pollutant: Yes (Cumene hydroperoxide)

14.6. Special precautions for user

Not Applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

WHMIS Classification B3 D1B E C

DOT Marine Pollutants (10%):
(No Product Ingredients Listed)

DOT Severe Marine Pollutants (1%):
(No Product Ingredients Listed)

EPCRA 311/312 Chemicals and RQs (>.1%) :
 Acetophenone (5000 lb final RQ; 2270 kg final RQ)
 Cumene (5000 lb final RQ; 2270 kg final RQ)
 Cumene hydroperoxide (10 lb final RQ; 4.54 kg final RQ)

EPCRA 302 Extremely Hazardous (>.1%) :
(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals (>.1%) :
 Acetophenone
 Cumene
 Cumene hydroperoxide

Mass RTK Substances (>1%) :
 Acetophenone
 Cumene
 Cumene hydroperoxide

Penn RTK Substances (>1%) :
 Acetophenone
 Cumene
 Cumene hydroperoxide

Penn Special Hazardous Substances (>.01%) :
(No Product Ingredients Listed)

RCRA Status:
(No Product Ingredients Listed)

N.J. RTK Substances (>1%) :
 Acetophenone
 Cumene
 Cumene hydroperoxide

N.J. Special Hazardous Substances (>.01%) :

Cumene
Cumene hydroperoxide
N.J. Env. Hazardous Substances (>.1%) :
Acetophenone
Cumene
Cumene hydroperoxide
Proposition 65 - Carcinogens (>0%):
Cumene
Proposition 65 - Female Repro Toxins (>0%):
(No Product Ingredients Listed)
Proposition 65 - Male Repro Toxins (>0%):
(No Product Ingredients Listed)
Proposition 65 - Developmental Toxins (>0%):
(No Product Ingredients Listed)

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.
H242 Heating may cause a fire.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H335 May cause respiratory irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

This is the first revision of this SDS format, changes from previous revision not applicable.

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