

# NCA102\_A3

## Safety Data Sheet CEILCOTE 103 FLAKELINE PART A



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

Sales  
Order: {SalesOrd}  
NCA102  
09/28/2013  
A3-

### 1. Identification of the preparation and company

#### 1.1. Product identifier

Product Identity CEILCOTE 103 FLAKELINE PART A  
Bulk Sales Reference No. NCA102

#### 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

Flam. Liq. 3;H226 Liquido e vapor inflamável  
Skin Irrit. 2;H315 Causes skin irritation.  
Eye Irrit. 2;H319 Causes serious eye irritation.  
Aquatic Acute 2;H401 Toxic to aquatic life.  
Aquatic Chronic 3;H412 Harmful 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.



Warning.

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H401 Toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

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P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves / eye protection / face protection.  
 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.  
 P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
 P337+313 If eye irritation persists: Get medical advice / attention.  
 P362 Take off contaminated clothing and wash before reuse.  
 P370 In case of fire: Use water spray, fog, or regular foam..  
 P403+233 Store in a well ventilated place. Keep container tightly closed.  
 P501 Dispose of contents / container in accordance with local / national regulations.

HMIS Rating            Health: 2            Flammability: 3            Reactivity: 1

3. Composition/information on ingredients
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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
POLYESTER RESIN CAS Number: TS-RS4027	25 - 50	----	[1]
Styrene CAS Number: 0000100-42-5	25 - 50	Flam. Liq. 3;H226 Acute Tox. 4;H332 Eye Irrit. 2;H319 Skin Irrit. 2;H315	[1][2]
Titanium dioxide CAS Number: 0013463-67-7	1.0 - 10	----	[1][2]
Dimethylaniline CAS Number: 0000121-69-7	0.10 - 1.0	Carc. 2;H351 Acute Tox. 3;H331 Acute Tox. 3;H311 Acute Tox. 3;H301 Aquatic Chronic 2;H411	[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
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#### 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.
Inhalation	Harmful if inhaled. Causes nose and throat irritation. Vapors may affect the brain or nervous system causing dizziness, headache or nausea.

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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	Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 2 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure.

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

CAUTION: This product has a very low flashpoint. Use of water spray when fighting fire may be inefficient. SMALL FIRES: Use dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam. LARGE FIRES: Use water spray, fog, or alcohol-resistant foam. Do not use straight streams. Move containers from fire area if you can do so without risk. Runoff from fire control may cause pollution. Dike fire control water for later disposal. Do not scatter the material.

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

FLAMMABLE/COMBUSTIBLE MATERIALS: Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks) creating a vapor explosion hazard. Runoff to sewers may create fire or explosion hazard. Containers may explode when heated.

#### 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. 127

### 6. Accidental release measures

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

ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only non-sparking equipment to handle spilled material and absorbent. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers. Use non-sparking tools to collect absorbed material.

#### 6.2. Environmental precautions

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 25 to 50 meters (80 to 160 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 300 meters (1000 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).

Avoid contact with eyes, skin and 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.

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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
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### 8.1. Control parameters

#### Exposure

CAS No.	Ingredient	Source	Value
0000100-42-5	Styrene	OSHA	100 ppm TWA 100 ppm STEL; 425 mg/m <sup>3</sup> STEL
		ACGIH	20 ppm TWA 40 ppm STEL
		NIOSH	50 ppm TWA; 215 mg/m <sup>3</sup> TWA 100 ppm STEL; 425 mg/m <sup>3</sup> STEL 700 ppm IDLH
		Supplier	
		OHSA, CAN	35 ppm TWA 100 ppm STEL
		Mexico	50 ppm TWA LMPE-PPT; 215 mg/m <sup>3</sup> TWA LMPE-PPT 100 ppm STEL [LMPE-CT]; 425 mg/m <sup>3</sup> STEL [LMPE-CT]
		Brazil	78 ppm TWA LT; 328 mg/m <sup>3</sup> TWA LT
0000121-69-7	Dimethylaniline	OSHA	5 ppm TWA (listed under Dimethylaniline); 25 mg/m <sup>3</sup> TWA (listed under Dimethylaniline) 10 ppm STEL (Dimethyl aniline); 50 mg/m <sup>3</sup> STEL (Dimethyl aniline)
		ACGIH	5 ppm TWA (listed under Dimethylaniline) 10 ppm STEL
		NIOSH	5 ppm TWA; 25 mg/m <sup>3</sup> TWA 10 ppm STEL; 50 mg/m <sup>3</sup> STEL 100 ppm IDLH
		Supplier	
		OHSA, CAN	5 ppm TWA (listed under Dimethylaniline) 10 ppm STEL (listed under Dimethylaniline)
		Mexico	5 ppm TWA LMPE-PPT; 25 mg/m <sup>3</sup> TWA LMPE-PPT 10 ppm STEL [LMPE-CT]; 50 mg/m <sup>3</sup> STEL [LMPE-CT]
		Brazil	
0013463-67-7	Titanium dioxide	OSHA	15 mg/m <sup>3</sup> TWA (total dust)
		ACGIH	10 mg/m <sup>3</sup> TWA
		NIOSH	5000 mg/m <sup>3</sup> IDLH
		Supplier	
		OHSA, CAN	10 mg/m <sup>3</sup> TWA
		Mexico	10 mg/m <sup>3</sup> TWA LMPE-PPT (as Ti) 20 mg/m <sup>3</sup> STEL [LMPE-CT] (as Ti)
		Brazil	
TS-RS4027	POLYESTER RESIN	OSHA	
		ACGIH	
		NIOSH	
		Supplier	
		OHSA, CAN	
		Mexico	
		Brazil	

#### Health Data

CAS No.	Ingredient	Source	Value
0000100-42-5	Styrene	NIOSH	Nervous system effects; eye and respiratory system irritation; reproductive system effects
0000121-69-7	Dimethylaniline	NIOSH	Anoxia resulting from the formation of methemoglobin
0013463-67-7	Titanium dioxide	NIOSH	Lung tumors in animals

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TS-RS4027	POLYESTER RESIN	NIOSH	
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### Carcinogen Data

CAS No.	Ingredient	Source	Value
0000100-42-5	Styrene	OSHA	Select Carcinogen: Yes
		NTP	Known: No; Suspected: Yes
		IARC	Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No;
0000121-69-7	Dimethylaniline	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0013463-67-7	Titanium dioxide	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;
TS-RS4027	POLYESTER RESIN	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	145 (°C) 293 (°F)
Flash Point	28 (°C) 82 (°F)
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: 1

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	Upper Explosive Limit: No Established Limit
vapor pressure (Pa)	Not Measured
Vapor Density	Heavier than air
Specific Gravity	1.28
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	No Established Limit
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

FLAMMABLE/COMBUSTIBLE MATERIALS: Will be easily ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks) creating a vapor explosion hazard. Runoff to sewers may create fire or explosion hazard. Containers may explode when heated.

### 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
POLYESTER RESIN - (TS-RS4027)	No data available	No data available	No data available	No data available
Styrene - (100-42-5)	2,650.00, Rat - Category: 5	No data available	12.00, Rat - Category: 4	No data available
Titanium dioxide - (13463-67-7)	10,000.00, Rat - Category: NA	10,000.00, Rabbit - Category: NA	No data available	6.82, Rat - Category: NA
Dimethylaniline - (121-69-7)	951.00, Rat - Category: 4	1,692.00, Rabbit - Category: 4	5.10, Rat - Category: 3	No data available

Item	Category	Hazard
Acute Toxicity (mouth)	Not Classified	Not Applicable
Acute Toxicity (skin)	Not Classified	Not Applicable
Acute Toxicity (inhalation)	Not Classified	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Eye damage/irritation	2	Causes serious eye irritation.

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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)	Not Classified	Not Applicable
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
POLYESTER RESIN - (TS-RS4027)	Not Available	Not Available	0.00 ( hr),
Styrene - (100-42-5)	4.08, Pimephales promelas	4.70, Daphnia magna	0.00 (96 hr),
Titanium dioxide - (13463-67-7)	1,000.00, Fundulus heteroclitus	5.50, Daphnia magna	5.83 (72 hr), Pseudokirchneriella subcapitata
Dimethylaniline - (121-69-7)	53.70, Poecilia reticulata	2.30, Daphnia magna	22.00 (72 hr), Chlorella pyrenoidosa

#### 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

UN1866

#### 14.2. UN proper shipping name

RESIN SOLUTION

#### 14.3. Transport hazard class(es)

DOT (Domestic Surface Transportation)

IMO / IMDG (Ocean Transportation)

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DOT Proper Shipping Name RESIN SOLUTION  
DOT Hazard Class 3  
UN / NA Number UN1866  
DOT Packing Group III  
CERCLA/DOT RQ 284 gal. / 3021 lbs.

IMDG Proper Shipping Name RESIN SOLUTION  
IMDG Hazard Class 3  
Sub Class 3  
IMDG Packing Group III  
System Reference Code 210

14.4. Packing group III

14.5. Environmental hazards

IMDG Marine Pollutant: No

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 B2 D2B

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

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

EPCRA 311/312 Chemicals and RQs (>.1%) :  
Dimethylaniline (100 lb final RQ; 45.4 kg final RQ)  
Styrene (1000 lb final RQ; 454 kg final RQ)

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

EPCRA 313 Toxic Chemicals (>.1%) :  
Dimethylaniline  
Styrene

Mass RTK Substances (>1%) :  
Styrene  
Titanium dioxide

Penn RTK Substances (>1%) :  
Styrene  
Titanium dioxide

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

RCRA Status:  
(No Product Ingredients Listed)

N.J. RTK Substances (>1%) :  
Styrene  
Titanium dioxide

N.J. Special Hazardous Substances (>.01%) :  
Solvent naphtha (petroleum), medium aliphatic  
Styrene

N.J. Env. Hazardous Substances (>.1%) :  
Dimethylaniline  
Styrene

Proposition 65 - Carcinogens (>0%):  
Titanium dioxide



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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
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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.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

H351 Suspected of causing cancer.

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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