

# SAFETY DATA SHEET

B37579

## Section 1. Identification

**Product name** : CODA™ Interior 2K Hybrid Polyurethane  
Black Primer

**Product code** : B37579

**Other means of identification** : Not available.

**Product type** : Liquid.

**Relevant identified uses of the substance or mixture and uses advised against**

Paint or paint related material.

**Manufacturer** : M. L. CAMPBELL  
101 W. Prospect Avenue  
Cleveland, OH 44115

**Emergency telephone number of the company** : (800) 424-9300

**Product Information Telephone Number** : (800) 364-1359

**Transportation Emergency Telephone Number** : (800) 424-9300

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 2  
SKIN CORROSION/IRRITATION - Category 2  
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A  
SKIN SENSITIZATION - Category 1  
CARCINOGENICITY - Category 2  
TOXIC TO REPRODUCTION - Category 1B  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 3.3% (dermal), 5.2% (inhalation)

### GHS label elements

#### **Hazard pictograms**



**Signal word** : Danger

**Hazard statements** : Highly flammable liquid and vapor.  
Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.  
Suspected of causing cancer.  
May damage fertility or the unborn child.

**Date of issue/Date of revision** : 5/3/2025 **Date of previous issue** : 3/3/2025

B37579 CODA™ Interior 2K Hybrid Polyurethane  
Black Primer

**Version** : 17  
SHW-85-NA-GHS-US

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## Section 2. Hazards identification

### Precautionary statements

#### Prevention

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, face protection, or hearing protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

#### Response

: IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. If skin irritation or rash occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

#### Storage

: Store locked up. Store in a well-ventilated place. Keep container tightly closed.

#### Disposal

: Dispose of contents and container in accordance with all local, regional, national and international regulations.

#### Supplemental label elements

DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY. This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.

Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.

#### Hazards not otherwise classified

: None known.

## Section 3. Composition/information on ingredients

#### Substance/mixture

: Mixture

#### Other means of identification

: Not available.

#### CAS number/other identifiers

Ingredient name	% by weight	Identifiers
n-Butyl Acetate	≥25 - ≤50	123-86-4
Calcium Carbonate	≥10 - <20	1317-65-3
Methyl Ethyl Ketone	≤10	78-93-3
Amorphous Precipitated Silica	≤10	112926-00-8
2-methoxy-1-methylethyl acetate	≤5	108-65-6
Zinc Stearate	≤3	557-05-1
Diacetone Alcohol	≤3	123-42-2
Carbon Black	≤3	1333-86-4
Cellulose Nitrate	≤3	9004-70-0
1-Methyl-2-Pyrrolidone	<1	872-50-4
Methyl Methacrylate	≤0.3	80-62-6
Dibutyltin Dilaurate	≤0.3	77-58-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.**

**Occupational exposure limits, if available, are listed in Section 8.**

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : Causes skin irritation. May cause an allergic skin reaction.
- Ingestion** : Can cause central nervous system (CNS) depression.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

## Section 4. First aid measures

- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Unsuitable extinguishing media** : Do not use water jet.

- Specific hazards arising from the chemical** : Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
sulfur oxides  
metal oxide/oxides

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.



- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
- Remark** : Flammable liquid.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. 
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. 

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

## Section 7. Handling and storage

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limits
n-Butyl Acetate	123-86-4	<b>ACGIH TLV (United States, 1/2024) [Butyl acetates]</b> STEL 15 minutes: 150 ppm. TWA 8 hours: 50 ppm. <b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 150 ppm. TWA 10 hours: 710 mg/m <sup>3</sup> . STEL 15 minutes: 200 ppm. STEL 15 minutes: 950 mg/m <sup>3</sup> . <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 150 ppm. TWA 8 hours: 710 mg/m <sup>3</sup> .
Calcium Carbonate	1317-65-3	<b>NIOSH REL (United States, 10/2020) [calcium carbonate]</b> TWA 10 hours: 10 mg/m <sup>3</sup> . Form: Total. TWA 10 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction. <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m <sup>3</sup> . Form: Total dust. TWA 8 hours: 5 mg/m <sup>3</sup> . Form: Respirable fraction.
Methyl Ethyl Ketone	78-93-3	<b>ACGIH TLV (United States, 1/2024)</b> Absorbed through skin. TWA 8 hours: 75 ppm. STEL 15 minutes: 150 ppm. <b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 200 ppm. TWA 10 hours: 590 mg/m <sup>3</sup> . STEL 15 minutes: 300 ppm. STEL 15 minutes: 885 mg/m <sup>3</sup> . <b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 200 ppm. TWA 8 hours: 590 mg/m <sup>3</sup> .
Amorphous Precipitated Silica	112926-00-8	<b>NIOSH REL (United States, 10/2020) [SILICA, AMORPHOUS] NIA.</b> TWA 10 hours: 6 mg/m <sup>3</sup> . <b>OSHA PEL Z3 (United States, 6/2016) [Silica, Amorphous]</b> TWA 8 hours: 20 mppcf. TWA 8 hours: 80 / (%SiO <sub>2</sub> ) mg/m <sup>3</sup> . <b>OARS WEEL (United States, 6/2024)</b> TWA 8 hours: 50 ppm.
2-methoxy-1-methylethyl acetate	108-65-6	

## Section 8. Exposure controls/personal protection

Zinc Stearate	557-05-1	<p><b>ACGIH TLV (United States, 1/2024) [Stearates] A4.</b> TWA 8 hours: 10 mg/m<sup>3</sup>. Form: Inhalable fraction. TWA 8 hours: 3 mg/m<sup>3</sup>. Form: Respirable fraction.</p> <p><b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 10 mg/m<sup>3</sup>. Form: Total. TWA 10 hours: 5 mg/m<sup>3</sup>. Form: Respirable fraction.</p> <p><b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 15 mg/m<sup>3</sup>. Form: Total dust. TWA 8 hours: 5 mg/m<sup>3</sup>. Form: Respirable fraction.</p>
Diacetone Alcohol	123-42-2	<p><b>ACGIH TLV (United States, 1/2024)</b> TWA 8 hours: 50 ppm. TWA 8 hours: 238 mg/m<sup>3</sup>.</p> <p><b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 50 ppm. TWA 10 hours: 240 mg/m<sup>3</sup>.</p> <p><b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 50 ppm. TWA 8 hours: 240 mg/m<sup>3</sup>.</p>
Carbon Black	1333-86-4	<p><b>ACGIH TLV (United States, 1/2024) A3.</b> TWA 8 hours: 3 mg/m<sup>3</sup>. Form: Inhalable fraction.</p> <p><b>NIOSH REL (United States, 10/2020) NIA.</b> TWA 10 hours: 3.5 mg/m<sup>3</sup>. TWA 10 hours: 0.1 mg/m<sup>3</sup> (as cyclohexane-extractable fraction).</p> <p><b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 3.5 mg/m<sup>3</sup>.</p>
Cellulose Nitrate 1-Methyl-2-Pyrrolidone	9004-70-0 872-50-4	<p>None.</p> <p><b>OARS WEEL (United States, 6/2024)</b> Absorbed through skin. TWA 8 hours: 15 ppm. STEL 15 minutes: 120 mg/m<sup>3</sup>. STEL 15 minutes: 30 ppm. TWA 8 hours: 60 mg/m<sup>3</sup>.</p>
Methyl Methacrylate	80-62-6	<p><b>ACGIH TLV (United States, 1/2024) A4.</b> Skin sensitizer. TWA 8 hours: 50 ppm. STEL 15 minutes: 100 ppm.</p> <p><b>NIOSH REL (United States, 10/2020)</b> TWA 10 hours: 100 ppm. TWA 10 hours: 410 mg/m<sup>3</sup>.</p> <p><b>OSHA PEL (United States, 5/2018)</b> TWA 8 hours: 100 ppm. TWA 8 hours: 410 mg/m<sup>3</sup>.</p>
Dibutyltin Dilaurate	77-58-7	<p><b>ACGIH TLV (United States, 1/2024) [Tin, organic compounds] A4.</b> Absorbed through skin. TWA 8 hours: 0.1 mg/m<sup>3</sup> (as Sn). STEL 15 minutes: 0.2 mg/m<sup>3</sup> (as Sn).</p> <p><b>NIOSH REL (United States, 10/2020) [tin organic compounds]</b> Absorbed through skin.</p>



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		TWA 10 hours: 0.1 mg/m³ (as Sn). <b>OSHA PEL (United States, 5/2018) [Tin, organic compounds]</b> TWA 8 hours: 0.1 mg/m³ (as Sn).
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Occupational exposure limits (Canada)

Ingredient name	CAS #	Exposure limits
n-butyl acetate	123-86-4	<b>CA Saskatchewan Provincial (Canada, 4/2021)</b> STEL 15 minutes: 200 ppm. TWA 8 hours: 150 ppm. <b>CA British Columbia Provincial (Canada, 4/2024) [butyl acetate, all isomers]</b> STEL 15 minutes: 150 ppm. TWA 8 hours: 50 ppm. <b>CA Ontario Provincial (Canada, 6/2019) [butyl acetates, all isomers]</b> STEL 15 minutes: 150 ppm. TWA 8 hours: 50 ppm. <b>CA Quebec Provincial (Canada, 2/2024) [butyl acetates]</b> STEV 15 minutes: 150 ppm. TWA EV 8 hours: 50 ppm. <b>CA Alberta Provincial (Canada, 3/2023)</b> OEL 15 minutes: 200 ppm. OEL 15 minutes: 950 mg/m³. OEL 8 hours: 150 ppm. OEL 8 hours: 713 mg/m³.
Methyl ethyl ketone	78-93-3	<b>CA Saskatchewan Provincial (Canada, 4/2021)</b> STEL 15 minutes: 300 ppm. TWA 8 hours: 200 ppm. <b>CA British Columbia Provincial (Canada, 4/2024) Repr. Absorbed through skin.</b> TWA 8 hours: 50 ppm. STEL 15 minutes: 100 ppm. <b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 200 ppm. STEL 15 minutes: 300 ppm. <b>CA Quebec Provincial (Canada, 2/2024)</b> TWA EV 8 hours: 50 ppm. TWA EV 8 hours: 150 mg/m³. STEV 15 minutes: 100 ppm. STEV 15 minutes: 300 mg/m³. <b>CA Alberta Provincial (Canada, 3/2023)</b> OEL 15 minutes: 300 ppm. OEL 8 hours: 200 ppm. OEL 8 hours: 590 mg/m³. OEL 15 minutes: 885 mg/m³.
4-Hydroxy-4-methyl-2-pentanone	123-42-2	<b>CA Saskatchewan Provincial (Canada, 4/2021)</b> STEL 15 minutes: 60 ppm. TWA 8 hours: 50 ppm. <b>CA British Columbia Provincial (Canada, 4/2024)</b> TWA 8 hours: 50 ppm.



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Carbon black	1333-86-4	<p><b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 50 ppm.</p> <p><b>CA Quebec Provincial (Canada, 2/2024)</b> TWA EV 8 hours: 50 ppm. TWA EV 8 hours: 238 mg/m<sup>3</sup>.</p> <p><b>CA Alberta Provincial (Canada, 3/2023)</b> OEL 8 hours: 50 ppm. OEL 8 hours: 238 mg/m<sup>3</sup>.</p> <p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b> STEL 15 minutes: 7 mg/m<sup>3</sup>. TWA 8 hours: 3.5 mg/m<sup>3</sup>.</p> <p><b>CA British Columbia Provincial (Canada, 4/2024)</b> Carc 2B. TWA 8 hours: 3 mg/m<sup>3</sup>. Form: Inhalable.</p> <p><b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 3 mg/m<sup>3</sup>. Form: Inhalable particulate matter..</p> <p><b>CA Quebec Provincial (Canada, 2/2024)</b> C3. TWA EV 8 hours: 3 mg/m<sup>3</sup>. Form: inhalable aerosol fraction.</p> <p><b>CA Alberta Provincial (Canada, 3/2023)</b> OEL 8 hours: 3.5 mg/m<sup>3</sup>.</p>
N-Methyl pyrrolidone	872-50-4	<p><b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 400 mg/m<sup>3</sup>.</p>
methyl methacrylate	80-62-6	<p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b> Sensitizer. STEL 15 minutes: 100 ppm. TWA 8 hours: 50 ppm.</p> <p><b>CA British Columbia Provincial (Canada, 4/2024)</b> Skin sensitizer. TWA 8 hours: 50 ppm. STEL 15 minutes: 100 ppm.</p> <p><b>CA Ontario Provincial (Canada, 6/2019)</b> TWA 8 hours: 50 ppm. STEL 15 minutes: 100 ppm.</p> <p><b>CA Quebec Provincial (Canada, 2/2024)</b> Skin sensitizer. TWA EV 8 hours: 50 ppm. STEV 15 minutes: 100 ppm.</p> <p><b>CA Alberta Provincial (Canada, 3/2023)</b> OEL 8 hours: 205 mg/m<sup>3</sup>. OEL 8 hours: 50 ppm. OEL 15 minutes: 410 mg/m<sup>3</sup>. OEL 15 minutes: 100 ppm.</p>
Cyclohexanone	108-94-1	<p><b>CA Saskatchewan Provincial (Canada, 4/2021)</b> Absorbed through skin. STEL 15 minutes: 50 ppm. TWA 8 hours: 20 ppm.</p> <p><b>CA British Columbia Provincial (Canada, 4/2024)</b> Absorbed through skin. TWA 8 hours: 20 ppm. STEL 15 minutes: 50 ppm.</p> <p><b>CA Ontario Provincial (Canada, 6/2019)</b> Absorbed through skin. TWA 8 hours: 20 ppm.</p>

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		<p>STEL 15 minutes: 50 ppm.  <b>CA Quebec Provincial (Canada, 2/2024)</b>  C3. Absorbed through skin.  TWA EV 8 hours: 20 ppm.  STEV 15 minutes: 50 ppm.  <b>CA Alberta Provincial (Canada, 3/2023)</b>  Absorbed through skin.  OEL 8 hours: 20 ppm.  OEL 8 hours: 80 mg/m<sup>3</sup>.  OEL 15 minutes: 200 mg/m<sup>3</sup>.  OEL 15 minutes: 50 ppm.</p>
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### Occupational exposure limits (Mexico)

Ingredient name	CAS #	Exposure limits
n-Butyl Acetate	123-86-4	<b>NOM-010-STPS-2014 (Mexico, 4/2016)</b> TWA 8 hours: 150 ppm. STEL 15 minutes: 200 ppm.
Methyl Ethyl Ketone	78-93-3	<b>NOM-010-STPS-2014 (Mexico, 4/2016)</b> TWA 8 hours: 200 ppm. STEL 15 minutes: 300 ppm.
Diacetone Alcohol	123-42-2	<b>NOM-010-STPS-2014 (Mexico, 4/2016)</b> TWA 8 hours: 50 ppm.
Dibutyltin Dilaurate	77-58-7	<b>NOM-010-STPS-2014 (Mexico, 4/2016)</b> <b>[Estaño, compuestos orgánicos] A4.</b> Absorbed through skin. TWA 8 hours: 0.1 mg/m <sup>3</sup> (as Sn). STEL 15 minutes: 0.2 mg/m <sup>3</sup> (as Sn).

### Biological exposure indices (United States)

Ingredient name	Exposure indices
Methyl Ethyl Ketone	<b>ACGIH BEI (United States, 1/2024)</b> BEI: 2 mg/l, methyl ethyl ketone [in urine]. Sampling time: end of shift.
1-Methyl-2-Pyrrolidone	<b>ACGIH BEI (United States, 1/2024)</b> BEI: 100 mg/l, 5-hydroxy-N-methyl-2-pyrrolidone [in urine]. Sampling time: end of shift.

### Biological exposure indices (Canada)

No exposure indices known.

### Biological exposure indices (Mexico)

Ingredient name	Exposure indices
Methyl Ethyl Ketone	<b>Official Mexican STANDARD NOM-047-SSA1-2011, Environmental Health-Biological exposure indices for personnel occupationally exposed to chemical substances. (Mexico, 6/2012)</b> BEI: 2 mg/L, MEK [in urine]. Sampling time: at the end of the work shift.
1-Methyl-2-Pyrrolidone	<b>Official Mexican STANDARD NOM-047-SSA1-2011, Environmental Health-Biological exposure indices for personnel</b>

## Section 8. Exposure controls/personal protection

**occupationally exposed to chemical substances. (Mexico, 6/2012)**

BEI: 100 mg/L, 5-hydroxy-n-methyl-2-pyrrolidone [in urine]. Sampling time: at the end of the work shift.

**Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

**Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### Appearance

**Physical state** : Liquid.

**Color** : Black.

**Odor** : Not available.

**Date of issue/Date of revision** : 5/3/2025

**Date of previous issue** : 3/3/2025

**Version** : 17

11/22

B37579 CODA™ Interior 2K Hybrid Polyurethane  
Black Primer

**SHW-85-NA-GHS-US**

## Section 9. Physical and chemical properties

Odor threshold	: Not available.
pH	: Not applicable.
Melting point/freezing point	: Not available.
Boiling point or initial boiling point and boiling range	: 78°C (172.4°F)
Flash point	: Closed cup: -4°C (24.8°F) [Pensky-Martens Closed Cup]
Evaporation rate	: 5.6 (butyl acetate = 1)
Flammability	: Flammable liquid.
Lower and upper explosion limit/flammability limit	: Lower: 1.3% Upper: 13.1%
Vapor pressure	: 12.1 kPa (90.6 mm Hg)
Relative vapor density	: 2.48 [Air = 1]
Relative density	: 1.09
Density	: 1.09 g/cm <sup>3</sup>
Solubility(ies)	:

Media	Result
cold water	Not soluble

Partition coefficient: n-octanol/water	: Not applicable.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Dynamic (room temperature): Not available. Kinematic (room temperature): Not available. Kinematic (40°C (104°F)): >20.5 mm <sup>2</sup> /s (>20.5 cSt)
Molecular weight	: Not applicable.
<u>Particle characteristics</u>	
Median particle size	: Not applicable.
Heat of combustion	: 15.897 kJ/g

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### **Product/ingredient name**

##### **Result**

n-Butyl Acetate

##### **Rat - Oral - LD50**

10768 mg/kg

Toxic effects: Behavioral - Somnolence (general depressed activity) Lung, Thorax, or Respiration - Other changes Liver - Other changes

##### **Rabbit - Dermal - LD50**

>17600 mg/kg

Methyl Ethyl Ketone

##### **Rabbit - Dermal - LD50**

6480 mg/kg

##### **Rat - Oral - LD50**

2737 mg/kg

2-methoxy-1-methylethyl acetate

##### **Rat - Oral - LD50**

8532 mg/kg

##### **Rabbit - Dermal - LD50**

>5 g/kg

Zinc Stearate

##### **Rat - Oral - LD50**

>10 g/kg

Diacetone Alcohol

##### **Rat - Oral - LD50**

2520 mg/kg

Toxic effects: Behavioral - Tremor Behavioral - Convulsions or effect on seizure threshold Liver - Other changes

##### **Rabbit - Dermal - LD50**

13500 mg/kg

Carbon Black

##### **Rat - Oral - LD50**

>15400 mg/kg

Toxic effects: Behavioral - Somnolence (general depressed activity)

Cellulose Nitrate

##### **Rat - Oral - LD50**

>5 g/kg

1-Methyl-2-Pyrrolidone

##### **Rat - Oral - LD50**

3914 mg/kg

##### **Rabbit - Dermal - LD50**

8 g/kg

Methyl Methacrylate

##### **Rabbit - Dermal - LD50**

>5 g/kg

Toxic effects: Skin After systemic exposure - Dermatitis, other

##### **Rat - Oral - LD50**

7872 mg/kg

Toxic effects: Behavioral - Muscle weakness Behavioral - Coma Lung, Thorax, or Respiration - Respiratory depression

##### **Rat - Inhalation - LC50 Vapor**

78000 mg/m<sup>3</sup> [4 hours]

Dibutyltin Dilaurate

##### **Rat - Oral - LD50**

2071 mg/kg

**Conclusion/Summary [Product]** : Not available.

#### Skin corrosion/irritation

##### **Product/ingredient name**

##### **Result**

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## Section 11. Toxicological information

n-Butyl Acetate

**Rabbit - Skin - Moderate irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 mg

Methyl Ethyl Ketone

**Rabbit - Skin - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 14 mg

**Rabbit - Skin - Mild irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 402 mg

**Rabbit - Skin - Moderate irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 500 mg

Diacetone Alcohol

**Rabbit - Skin - Mild irritant**

Amount/concentration applied: 500 mg

Dibutyltin Dilaurate

**Rabbit - Skin - Severe irritant**

Amount/concentration applied: 500 mg

**Conclusion/Summary [Product]** : Not available.

### Serious eye damage/eye irritation

#### **Product/ingredient name**

#### **Result**

n-Butyl Acetate

**Rabbit - Eyes - Moderate irritant**

Amount/concentration applied: 100 mg

Diacetone Alcohol

**Rabbit - Eyes - Severe irritant**

Amount/concentration applied: 20 mg

**Rabbit - Eyes - Severe irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 100 uL

1-Methyl-2-Pyrrolidone

**Rabbit - Eyes - Moderate irritant**

Amount/concentration applied: 100 mg

Dibutyltin Dilaurate

**Rabbit - Eyes - Moderate irritant**

Duration of treatment/exposure: 24 hours

Amount/concentration applied: 100 mg

**Conclusion/Summary [Product]** : Not available.

### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** : Not available.

### Respiratory or skin sensitization

Not available.

### **Skin**

**Conclusion/Summary [Product]** : Not available.

### **Respiratory**

**Conclusion/Summary [Product]** : Not available.

### Germ cell mutagenicity

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## Section 11. Toxicological information

Not available.

**Conclusion/Summary [Product]** : Not available.

### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Classification

Product/ingredient name	OSHA	IARC	NTP
Amorphous Precipitated Silica	-	3	-
Carbon Black	-	2B	-
Methyl Methacrylate	-	3	-

### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** : Not available.

### Specific target organ toxicity (single exposure)

#### **Product/ingredient name**

#### **Result**

n-Butyl Acetate	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
Calcium Carbonate	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Methyl Ethyl Ketone	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
2-methoxy-1-methylethyl acetate	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
Diacetone Alcohol	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
1-Methyl-2-Pyrrolidone	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Methyl Methacrylate	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
Dibutyltin Dilaurate	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 1

### Specific target organ toxicity (repeated exposure)

#### **Product/ingredient name**

#### **Result**

Dibutyltin Dilaurate	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (oral) - Category 1
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### Aspiration hazard

Not available.

### Information on the likely routes of exposure

Not available.

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## Section 11. Toxicological information

### Potential acute health effects

- Eye contact** : Causes serious eye irritation.
- Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.
- Skin contact** : Causes skin irritation. May cause an allergic skin reaction.
- Ingestion** : Can cause central nervous system (CNS) depression.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
nausea or vomiting  
headache  
drowsiness/fatigue  
dizziness/vertigo  
unconsciousness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Skin contact** : Adverse symptoms may include the following:  
irritation  
redness  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations
- Ingestion** : Adverse symptoms may include the following:  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### **Short term exposure**

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

#### **Long term exposure**

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary [Product]** : Not available.

- General** : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.

## Section 11. Toxicological information

**Mutagenicity** : No known significant effects or critical hazards.  
**Reproductive toxicity** : May damage fertility or the unborn child.

### Numerical measures of toxicity

#### Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
CODA™ Interior 2K Hybrid Polyurethane	28875.3	N/A	N/A	N/A	N/A
n-Butyl Acetate	10768	N/A	N/A	N/A	N/A
Methyl Ethyl Ketone	2737	6480	N/A	N/A	N/A
2-methoxy-1-methylethyl acetate	8532	N/A	N/A	N/A	N/A
Diacetone Alcohol	2520	13500	N/A	N/A	N/A
1-Methyl-2-Pyrrolidone	3914	8000	N/A	N/A	N/A
Methyl Methacrylate	7872	N/A	N/A	78	N/A
Dibutyltin Dilaurate	2071	N/A	N/A	N/A	N/A

## Section 12. Ecological information

### Toxicity

#### Product/ingredient name

#### Result

n-Butyl Acetate

#### Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas*  
Age: 31 to 32 days; Size: 21.6 mm; Weight: 0.175 g  
 18 mg/l [96 hours]  
Effect: Mortality

#### Acute - LC50 - Marine water

Crustaceans - Brine shrimp - *Artemia salina*  
 32 mg/l [48 hours]  
Effect: Mortality

Methyl Ethyl Ketone

#### Acute - EC50 - Fresh water

Daphnia - Water flea - *Daphnia magna* - Larvae  
Age: <24 hours  
 5091 mg/l [48 hours]  
Effect: Intoxication

#### Acute - LC50 - Fresh water

Fish - Fathead minnow - *Pimephales promelas*  
Age: 31 days; Size: 22 mm; Weight: 0.167 g  
 3220 mg/l [96 hours]  
Effect: Mortality

#### Acute - EC50 - Marine water

Algae - Diatom - *Skeletonema costatum*  
 >500 mg/l [96 hours]  
Effect: Population

Diacetone Alcohol

#### Acute - LC50 - Fresh water

Fish - Bluegill - *Lepomis macrochirus*  
 420 ppm [96 hours]  
Effect: Mortality

Cellulose Nitrate

#### Acute - EC50 - Fresh water

Algae - Green algae - *Raphidocelis subcapitata*  
 579 mg/l [96 hours]  
Effect: Biochemistry

1-Methyl-2-Pyrrolidone

#### Acute - LC50 - Fresh water

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## Section 12. Ecological information

Daphnia - Water flea - *Daphnia magna*

Age: <24 hours

1.23 ppm [48 hours]

Effect: Mortality

**Acute - LC50 - Fresh water**

US EPA

Fish - Bluegill - *Lepomis macrochirus*

Weight: 1.2 g

832 ppm [96 hours]

Effect: Mortality

**Acute - LC50 - Fresh water**

Fish - Fathead minnow - *Pimephales promelas* - Adult

130 mg/l [96 hours]

Effect: Mortality

**Chronic - EC10 - Fresh water**

Algae - Green algae - *Desmodesmus subspicatus*

>2 mg/l [96 hours]

Effect: Histology

Methyl Methacrylate

Dibutyltin Dilaurate

**Conclusion/Summary [Product]** : Not available.

### Persistence and degradability

Not available.

**Conclusion/Summary [Product]** : Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
n-Butyl Acetate	-	-	Readily
Methyl Ethyl Ketone	-	-	Readily

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Dibutyltin Dilaurate	-	2.91	Low

### Mobility in soil

**Soil/Water partition coefficient** : Not available.

### Other adverse effects

No known significant effects or critical hazards.

## Section 13. Disposal considerations






**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues.

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## Section 13. Disposal considerations

Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	IATA	IMDG
UN number	UN1263	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT	PAINT	PAINT
Transport hazard class(es)	3 	3 	3 	3 	3 
Packing group	II	II	II	II	II
Environmental hazards	No.	No.	No.	No.	No.
Additional information	-  <b>ERG No.</b> 128	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3).  <b>ERG No.</b> 128	-  <b>ERG No.</b> 128	-	<b>Emergency schedules</b> F-E, S-E

**Special precautions for user :** Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

**Transport in bulk according to IMO instruments :** Not available.

**Proper shipping name :** Not available.

## Section 15. Regulatory information

### U.S. Federal regulations :

#### [SARA 313](#)

All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED and rely on information provided to us by our raw material suppliers. Our suppliers often provide an estimated value or range less than a certain upper limit. We calculate MAXIMUM THEORETICAL VALUES using defined values, if provided, or the upper limit reported by our supplier. Additionally, the suppliers' information may include amounts present in the product as unintentional byproducts or impurities. Variations may occur in individual batches due to adjustments made during production. Reporting of chemicals in this section does not necessarily indicate their presence in the final formulated product.

Ingredient name	% by weight	CAS number
Mercury (as Hg)	0.000002	
Zinc Compound	2	
Lead (as Pb)	0.00002	

#### [California Prop. 65](#)

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

#### [International regulations](#)

##### [Montreal Protocol](#)

Not listed.

##### [Stockholm Convention on Persistent Organic Pollutants](#)

List name	Ingredient name	Status
Annex A - Elimination - Production	UV-328	Listed
Annex A - Elimination - Use	UV-328	Listed

#### International lists

: **Australia inventory (AIIIC):** Not determined.  
**China inventory (IECSC):** Not determined.  
**Japan inventory (CSCL):** Not determined.  
**Japan inventory (ISHL):** Not determined.  
**Korea inventory (KECI):** Not determined.  
**New Zealand Inventory of Chemicals (NZIoC):** Not determined.  
**Philippines inventory (PICCS):** Not determined.  
**Taiwan Chemical Substances Inventory (TCSI):** Not determined.  
**Thailand inventory:** Not determined.  
**Turkey inventory:** Not determined.  
**Vietnam inventory:** Not determined.

## Section 16. Other information

### [Hazardous Material Information System \(U.S.A.\)](#)

Health	*	2
Flammability		3
Physical hazards		4

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

## Section 16. Other information

**Caution:** HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

### Procedure used to derive the classification

Classification	Justification
FLAMMABLE LIQUIDS - Category 2	On basis of test data
SKIN CORROSION/IRRITATION - Category 2	Calculation method
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A	Calculation method
SKIN SENSITIZATION - Category 1	Calculation method
CARCINOGENICITY - Category 2	Calculation method
TOXIC TO REPRODUCTION - Category 1B	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3	Calculation method

### History

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**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
N/A = Not available  
SGG = Segregation Group  
UN = United Nations

Indicates information that has changed from previously issued version.

### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.

