

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

GHS Product Code: C204-B-0B1  
 Product Name: CORCHEM® 204 HIGH BUILD EPOXY COMPONENT B, COLOR: BLACK  
 Recommended Use: INDUSTRIAL PROTECTIVE COATING/LINING  
 Restrictions on Use: INTENDED FOR PROFESSIONAL USE ONLY  
 Manufacturer: CORCHEM MANUFACTURING, INC.  
 Address: 1227 SOUTH MURPHY STREET  
 ODESSA TEXAS, USA 79766-8811  
 Emergency Contact: INFOTRAC: +1-352-323-3500 (TOLL-FREE IN THE US: 800-535-5053)  
 Revision: 3-06072024

## SECTION 2: HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

#### OSHA Hazards

Flammable liquid, target organ effect, skin sensitizer, irritant

#### GHS Classification

- Category 1 Skin sensitization
- Category 2 Flammable liquids  
Skin irritation  
Acute aquatic toxicity  
Chronic aquatic toxicity
- Category 2A Eye irritation

#### GHS Label elements, including precautionary statements

##### Hazard Pictograms



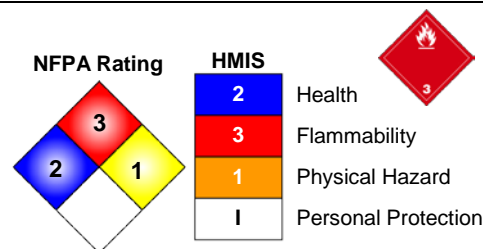
Signal word: **Danger**

##### GHS Hazard statement(s)

- H226: Flammable liquid and vapor
- H315: Causes skin irritation
- H317: May cause an allergic skin reaction
- H319: Causes serious eye irritation
- H401: Toxic to aquatic life

##### Precautionary statement(s)

- P102: Keep out of reach of children
- P202: Do not handle until all safety precautions have been read and understood
- P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking



| PERSONAL PROTECTION INDEX |               |   |   |
|---------------------------|---------------|---|---|
| A                         | ☒             | G | ☒ + ☒ + ☒   |
| B                         | ☒ + ☒         | H | ☒ + ☒ + ☒ + ☒   |
| C                         | ☒ + ☒ + ☒     | I | ☒ + ☒ + ☒   |
| D                         | ☒ + ☒ + ☒     | J | ☒ + ☒ + ☒ + ☒   |
| E                         | ☒ + ☒ + ☒     | K | ☒ + ☒ + ☒ + ☒   |
| F                         | ☒ + ☒ + ☒ + ☒ | X | Consult your supervisor or S.O.P. for "SPECIAL" handling directions |



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|                    |  |
|--------------------|--|
| P273               | Avoid release to the environment.  |
| P280               | Wear protective gloves/protective clothing/eye protection/face protection.   |
| P301 + P310:       | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician   |
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.                              |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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| <u>Ingredient(s)</u>                                       | <u>CAS No.</u> | <u>% (by Weight)</u> |
|--|----------------|----------------------|
| 4-Methyl-2-pentanone                                       | 108-10-1       | <20                  |
| Bisphenol A - epoxy resins, number average MW >700 - <1100 | 25068-38-6     | >30                  |
| CBI Additives [NOT REGULATED BY GHS, DOT, IMDG, OR IATA]   | MIXTURE        | >50                  |

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### SECTION 4: FIRST AID MEASURES

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#### Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

#### Skin

Immediately remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, initiate and maintain continuous irrigation until patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour. Cover wound with sterile dressing, seek immediate medical attention. If skin is not damaged and symptoms persist, avoid further exposure, seek medical attention. Launder clothing before reuse.

#### Inhalation

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If not breathing, if breathing is irregular, or if respiratory arrest occurs, artificial respiration or oxygen should be administered by trained personnel only. It may be dangerous to provide mouth-to-mouth resuscitation. Keep person warm and quiet; seek immediate medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain open airway. Loosen tight clothing such as a collar, tie, belt, or waistband. Get medical attention if adverse health effects persist or are severe.

#### Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently, irrigate for at least 30 minutes while holding eyelids open; seek immediate medical attention.

#### Protection of first aid personnel

No action shall be taken involving any personal risk without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, wear gloves.

#### Notes to Physicians or First Aid providers

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested.

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### SECTION 5: FIRE-FIGHTING MEASURES

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#### Suitable extinguishing media

Alcohol-resistant foam, water-fog, carbon dioxide, dry chemicals, dry sand, Limestone powder.

#### Specific hazards and by-products from combustion

Burning produces noxious and toxic fumes. **Downwind personnel must be evacuated.** Decomposition products may be toxic and include the following materials: carbon dioxide, carbon monoxide, and various hydrocarbons. Fumes and vapors from the thermal and chemical decompositions vary widely in combustion and toxicity.

#### Special protective equipment and precautions for fire-fighters

Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

COLLECT CONTAMINATED FIRE EXTINGUISHING MEDIA SEPARATELY. THIS MUST NOT BE DISCHARGED INTO DRAINS. FIRE RESIDUES AND CONTAMINATED FIRE EXTINGUISHING MEDIA MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS.

**Flash Point**

Open Cup: &gt;132°F (56°C)

**Explosive Limit**

Not established

**Autoignition Temperature**

Not Established

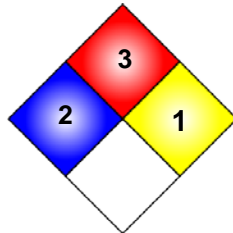
**Fire and Explosion Hazards**

Material is flammable and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations near the material handling point. Never use welding or cutting torch on or near container, (even empty), because product (even just residue) can ignite explosively.

Water may be ineffective for extinguishment unless used under favorable conditions by experienced fire fighters. Use water spray to cool fire exposed containers and structures until fire is out if it can be with minimal risk. Avoid spreading burning material with water used for cooling purposes. Cool storage with water, if exposed to fire.

**NFPA Rating**

|               |   |
|---------------|---|
| Health:       | 2 |
| Flammability: | 3 |
| Reactivity:   | 1 |
| Special:      |   |




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**SECTION 6: ACCIDENTAL RELEASE MEASURES**


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**Personal Precautions**

No action shall be taken involving personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

**Environmental Precautions**

**DO NOT ALLOW RELEASE INTO THE ENVIRONMENT.** 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).

COLLECT CONTAMINATED MATERIAL SEPARATELY. RESIDUES AND CONTAMINATED MATERIAL MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS.

**Small Spill**

Stop leak if without risk. Dilute with water and mop up if water soluble or absorb liquid with a dry, inert, non-combustible, absorbent material such as: sand, diatomaceous earth, vermiculite, or other absorbent material. Persons not wearing proper personal protective equipment should be excluded from area of spill.

COLLECT CONTAMINATED CLEAN-UP MATERIALS SEPARATELY. RESIDUES AND CONTAMINATED CLEAN-UP MATERIALS MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS.

**Large Spill**

Stop leak if without risk. Move containers from spill area. Prevent run-off to sewers, water courses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with a dry, inert, non-combustible, absorbent material such as: sand, diatomaceous earth, vermiculite, or other absorbent material and place in container for disposal according to local regulations (see section 13). Dispose via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. If run-off occurs, notify proper authorities as required, that a spill has occurred. Note: see section 1 for emergency contact information and section 13 for waste disposal.

COLLECT CONTAMINATED CLEAN-UP MATERIALS SEPARATELY. RESIDUES AND CONTAMINATED CLEAN-UP MATERIALS MUST BE DISPOSED OF IN ACCORDANCE WITH LOCAL REGULATIONS.

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## SECTION 7: HANDLING AND STORAGE

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### Handling

Wear appropriate personal protective equipment (see section 8). Eating, Drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face prior to eating, drinking, and smoking. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**OPENED, PARTIAL, AND EMPTY CONTAINERS RETAIN PRODUCT RESIDUE AND CAN BE HAZARDOUS. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THIS SAFETY DATA SHEET (SDS) MUST BE OBSERVED.**

### Storage

Store in accordance with local regulations. Store in a dry, cool, climate controlled area between 40°F (8°C) and 100°F (38°C), away from incompatible materials (see section 10), food and drink. Protect from extremes in temperature and direct sunlight. Keep container tightly closed and sealed until ready to 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.

**OPENED, PARTIAL, AND EMPTY CONTAINERS RETAIN PRODUCT RESIDUE AND CAN BE HAZARDOUS. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THIS SAFETY DATA SHEET (SDS) MUST BE OBSERVED.**

### Other Precautions

Consult local, state, and federal hazardous waste regulators before disposing of waste materials.

Can cause skin irritation, eye irritation, and allergic skin reaction. Avoid contact with eyes, skin, and clothing. Wash thoroughly after using. **DO NOT TAKE INTERNALLY! HARMFUL IF SWALLOWED! FOR PROFESSIONAL USE ONLY.** Use protective skin cream such as FEND2 (MSA) where skin contact is likely. Prevent prolonged or repeated breathing of vapor, or spray mists. Liquid penetrated shoes and leather, may cause delayed irritation or skin reactions. **KEEP OUT OF REACH OF CHILDREN. DO NOT HANDLE UNTIL THE MANUFACTURER'S INSTRUCTIONS AND SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD!** Contact manufacturer if further information is required.

**EMPTY CONTAINERS RETAIN PRODUCT RESIDUE AND CAN BE HAZARDOUS. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE SAFETY DATA SHEET (SDS) MUST BE OBSERVED.**

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Exposure Limit(s)

| <u>Components</u>  | <u>Basis</u>   | <u>Control Parameters</u> |                       |
|--|--|---------------------------|-----------------------|
| 4-Methyl-2-pentanone                                       | Time Weighted Average (TWA): ACGIH                     | 20 ppm                    | 70 mg/m <sup>3</sup>  |
| 4-Methyl-2-pentanone                                       | Recommended Exposure Limit (REL): NIOSH                | 50 ppm                    | 205 mg/m <sup>3</sup> |
| 4-Methyl-2-pentanone                                       | Short Term Exposure Limit (STEL): ACGIH                | 75 ppm                    | 264 mg/m <sup>3</sup> |
| 4-Methyl-2-pentanone                                       | Permissible Exposure Limit (PEL): OSHA Z-1             | 100 ppm                   | 410 mg/m <sup>3</sup> |
| 4-Methyl-2-pentanone                                       | Immediately Dangerous to Life and Health (IDLH): NIOSH | 500 ppm                   | [10% LEL]             |
| Bisphenol A - epoxy resins, number average MW >700 - <1100 | Time Weighted Average (TWA): ACGIH                     | NOT LISTED                |                       |
| Bisphenol A - epoxy resins, number average MW >700 - <1100 | Immediately Dangerous to Life and Health (IDLH): NIOSH | NOT LISTED                |                       |
| Bisphenol A - epoxy resins, number average MW >700 - <1100 | Short Term Exposure Limit (STEL): ACGIH                | NOT LISTED                |                       |
| Bisphenol A - epoxy resins, number average MW >700 - <1100 | Permissible Exposure Limit (PEL): OSHA Z1A             | NOT LISTED                |                       |
| Bisphenol A - epoxy resins, number average MW >700 - <1100 | Recommended Exposure limit (REL): NIOSH                | NOT LISTED                |                       |

## Exposure Guidelines

Consult local authorities for acceptable exposure limits.

## Personal Protective Equipment (PPE)

### Respiratory Protection

Where risk assessment shows air-purifying respirators are appropriate when utilizing this material wear a NIOSH approved full-face cartridge respirator or gas mask suitable to keep airborne mists and vapor concentration below the time-weighted threshold limit values. **WHEN USING IN POORLY VENTILATED OR CONFINED SPACES, USE A FRESH-AIR SUPPLYING RESPIRATOR OR A SELF-CONTAINED BREATHING APPARATUS.**

### Skin Protection

To prevent repeated or prolonged skin contact, wear appropriate safety garments such as impervious gloves, head/neck covers, aprons, jackets, pants, coveralls, and boots. Replace defective PPE and/or spoiled garments/boots.

### Eye Protection

Chemical splash goggles and face shield in compliance with OSHA regulations are advised for eye protection. Provide readily accessible eye wash stations and safety showers.

## Engineering Controls

Use explosion-proof suction type exhaust fans and blowers with sufficient CFM capacity to keep solvent vapors below 20% of the explosive limit.

Provide sufficient mechanical ventilation to maintain exposure below TLV(s).

## Other Protective Clothing or Equipment

Use protective barrier creams on exposed skin areas.

## Work Hygienic Practices

As with all products of this nature, good personal hygiene is essential. Hands and other exposed areas should be washed thoroughly with soap and water after contact, and before eating, drinking, using tobacco products, or restrooms. Regular laundering and/or replacement of contaminated clothing is essential to reduce indirect skin contact with this material.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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|  |   |
|--|---|
| <b>Appearance (physical state, color, etc.):</b>       | Viscous black liquid                            |
| <b>Odor:</b>   | Slight  |
| <b>Odor Threshold:</b>                                 | Not available                                   |
| <b>pH:</b>   | Not available                                   |
| <b>Melting Point / Freezing Point:</b>                 | Not available                                   |
| <b>Initial Boiling Point and Range:</b>                | > 320° F (> 160° C)                             |
| <b>Flash Point:</b>                                    | >132°F (56°C) (method: open cup)                |
| <b>Evaporation Rate:</b>                               | Not available.                                  |
| <b>Flammability (solid, gas):</b>                      | Not applicable                                  |
| <b>Upper/Lower flammability or explosive limits:</b>   | Not available.                                  |
| <b>Vapor Pressure:</b>                                 | < 1.08 x 10 <sup>-7</sup> mmHg at 77° F (25° C) |
| <b>Vapor Density:</b>                                  | Not available.                                  |
| <b>Relative Density:</b>                               | 1.16 g/cm <sup>3</sup> at 77° F (25° C)         |
| <b>Solubility:</b>                                     | Insoluble                                       |
| <b>Partition coefficient: <i>n</i>- octanol/water:</b> | log Pow: 3.26                                   |
| <b>Auto-ignition temperature:</b>                      | Not available                                   |
| <b>Decomposition Temperature:</b>                      | Not available.                                  |
| <b>Volatile Organic Compounds (VOC):</b>               | 1.46 Lbs. per gallon less water                 |
| <b>Percent solids by weight:</b>                       | 89.03   |
| <b>Percent solids by volume:</b>                       | 78.16   |
| <b>Specific Gravity:</b>                               | 1.598 @ 68.0° F (20.00° C)                      |
| <b>Weight per gallon:</b>                              | 13.34 Lbs. (6.05kg / 3.78L)                     |

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## SECTION 10: STABILITY AND REACTIVITY

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### Reactivity

Under normal conditions of storage and use, hazardous reactions should not occur.

### Chemical Stability:

Stable under normal conditions.

### Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

### Conditions to avoid:

Material is volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations near the material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

### Incompatible materials:

Amines, incompatible with bases, reducing agents, oxidizing agents, nitrous acid and other nitrosating agents, organic acids (i.e. acetic acid, citric acid etc.), mineral acids, sodium hypochlorite, reactive metals (e.g. sodium, calcium, zinc etc.), materials reactive with hydroxyl compounds.

### Hazardous Polymerization:

Under normal conditions of storage and use, hazardous polymerization will not occur.

### Hazardous Decomposition or By-Products:

Carbon monoxide, carbon dioxide, aldehydes.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### Toxicological Information

#### Likely routes of exposure and potential health effects

**Ingestion:** If ingested, irritating to mouth, throat, and stomach.

**Skin:** In contact with skin, causes skin irritation. May cause allergic skin reaction. Adverse symptoms may include irritation and/or redness. May cause sensitization by skin contact. Pre-existing skin disorders may be aggravated by over-exposure to this product. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

**Eyes:** In contact with eyes, causes serious eye irritation. Adverse symptoms may include pain, irritation, watering, and/or redness.

**Inhalation:** If inhaled, may cause respiratory irritation. Adverse symptoms may include respiratory tract irritation and/or coughing.

#### Acute Toxicity Data

| Product/ingredient name                                       | Method                      | Species | Dose            | Exposure | Result |
|---|-----------------------------|---------|-----------------|----------|--------|
| 4-Methyl-2-pentanone  | LD <sub>50</sub> Oral       | Rat     | 2,800 mg/kg     | 4 h      | –      |
| 4-Methyl-2-pentanone  | LD <sub>50</sub> Dermal     | Rabbit  | 16,000 mg/kg    | 4 h      | –      |
| 4-Methyl-2-pentanone  | LC <sub>50</sub> Inhalation | Rat     | 8.2 – 16.4 mg/l | 4 h      | –      |
| Bisphenol A - epoxy resins,<br>number average MW >700 - <1100 | LD <sub>50</sub> Oral       | Rat     | >2,000 mg/kg    | 4 h      | –      |
| Bisphenol A - epoxy resins,<br>number average MW >700 - <1100 | LD <sub>50</sub> Dermal     | Rabbit  | >2,000 mg/kg    | 4 h      | –      |
| Bisphenol A - epoxy resins,<br>number average MW >700 - <1100 | LC <sub>50</sub> Inhalation | Rat     | 29 mg/l         | 4 h      | –      |

#### Skin corrosion / irritation

Irritating to skin

#### Serious eye damage / irritation

May cause irreversible eye damage.

### Respiratory or skin sensitization

Pre-existing skin disorders may be aggravated by over-exposure to this product. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

### Germ cell mutagenicity

No known significant effects or critical hazards on the product itself.

### Carcinogenicity

No known significant effects or critical hazards on the product itself.

| Component   | Classification                             | Listing Body |
|---|--|--------------|
| 4-Methyl-2-pentanone  | Group 2B - possibly carcinogenic to humans | IARC         |
| 4-Methyl-2-pentanone  | Not Listed                                 | NTP          |
| Bisphenol A - epoxy resins,<br>number average MW >700 - <1100 | Not Listed                                 | IARC         |
| Bisphenol A - epoxy resins,<br>number average MW >700 - <1100 | Not Listed                                 | NTP          |

**IARC:** World Health Organization's (WHO) International Agency for Research on Cancer.

**NTP:** U.S. Department of Health and Human Services' (DHHS) National Toxicology Program.

### Reproductive toxicity

No known significant effects or critical hazards on the product itself.

| Component   | Test     | Result   |
|---|----------|----------|
| 4-Methyl-2-pentanone  | OECD 414 | Negative |
| 4-Methyl-2-pentanone  | OECD 416 | Negative |
| Bisphenol A - epoxy resins,<br>number average MW >700 - <1100 | OECD 414 | Negative |
| Bisphenol A - epoxy resins,<br>number average MW >700 - <1100 | OECD 416 | Negative |

**OECD:** Organization for Economic Cooperation and Development.

### Specific Target Organ Toxicity, Single Exposure (STOT-SE)

No data available.

### Specific Target Organ Toxicity, Repeated Exposure (STOT-RE)

No data available.

### Aspiration hazard

No data available.

### Potential chronic health effects

No known significant effects or critical hazards on the product itself.

| Component   | Test              | Endpoint | Species | Result   |
|---|-------------------|----------|---------|----------|
| 4-Methyl-2-pentanone  | OECD 408 (oral)   |          |         | No data  |
| 4-Methyl-2-pentanone  | OECD 411 (dermal) |          |         | No data  |
| Bisphenol A - epoxy resins,<br>number average MW >700 - <1100 | OECD 408 (oral)   | NOAEL    | Rat     | 50 mg/kg |
| Bisphenol A - epoxy resins,<br>number average MW >700 - <1100 | OECD 411 (dermal) | NOAEL    | Rat     | 10 mg/kg |

**OECD:** Organization for Economic Cooperation and Development.

**NOAEL:** "No-observed-adverse-effect level".

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## SECTION 12: ECOLOGICAL INFORMATION

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### Ecological Information

#### Environmental effects

No data on the product itself. May be harmful to the environment if released in large quantities.

#### Ecotoxicity

#### Aquatic Toxicity

### Toxicity to Fish

| Product/ingredient name                                    | Test             | Species                      | Dose      | Exposure |
|--|------------------|------------------------------|-----------|----------|
| 4-Methyl-2-pentanone                                       | LC <sub>50</sub> | Danio rerio (zebra fish)     | >179 mg/l | 96 h     |
| Bisphenol A - epoxy resins, number average MW >700 - <1100 | LC <sub>50</sub> | Leuciscus idus (golden orfe) | 2.6 mg/l  | 96 h     |

### Toxicity to aquatic invertebrates

| Product/ingredient name                                    | Test             | Species                    | Dose     | Exposure |
|--|------------------|----------------------------|----------|----------|
| 4-Methyl-2-pentanone                                       | EC <sub>50</sub> | Daphnia magna (water flea) | 200 mg/l | 48 h     |
| Bisphenol A - epoxy resins, number average MW >700 - <1100 | EC <sub>50</sub> | Daphnia magna (water flea) | 1.7 mg/l | 48 h     |

### Persistence and degradability

| Product/ingredient name                                    | Test              | Concentration | Result                    |
|--|-------------------|---------------|---------------------------|
| 4-Methyl-2-pentanone                                       | Anaerobic 28-days | 83%           | Readily biodegradable     |
| Bisphenol A - epoxy resins, number average MW >700 - <1100 | Aerobic 28-days   | 5%            | Not readily biodegradable |

### Bioaccumulative potential

| Product/ingredient name                                    | Log K <sub>ow</sub> | BCF | Potential |
|--|---------------------|-----|-----------|
| 4-Methyl-2-pentanone                                       | 1.31                | 5.5 | Low       |
| Bisphenol A - epoxy resins, number average MW >700 - <1100 | 3.8                 | 31  | Low       |

### Mobility in soil

| Product/ingredient name                                    |                   |
|--|-------------------|
| 4-Methyl-2-pentanone                                       | High mobility     |
| Bisphenol A - epoxy resins, number average MW >700 - <1100 | No data available |

## SECTION 13: DISPOSAL CONSIDERATIONS

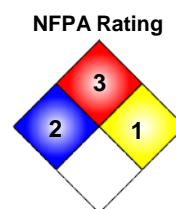
### Waste Disposal Method

**EMPTY CONTAINERS RETAIN PRODUCT RESIDUE AND CAN BE HAZARDOUS. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THE SAFETY DATA SHEET (SDS) MUST BE OBSERVED.** Consult local, state, and federal hazardous waste regulators before disposing of waste materials. The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. 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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. **DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS ONLY.**

## 14. TRANSPORT INFORMATION

### U.S. DEPARTMENT OF TRANSPORTATION

|                      |                  |  |
|----------------------|------------------|--|
| Proper Shipping Name | Coating solution |  |
| Hazard Class         | 3                |  |
| ID Number            | UN1139           |  |
| Packing Group        | II               |  |
| Emergency Contact    | INFOTRAC         | +1-352-323-3500 (U.S. Toll Free: 800-535-5053) |



### HMIS

|   |                     |
|---|---------------------|
| 2 | Health              |
| 3 | Flammability        |
| 1 | Physical Hazard     |
| I | Personal Protection |



**TRANSPORT CANADA**

Proper Shipping Name      Coating solution  
 Hazard Class                3  
 ID Number                    UN1139  
 Packing Group                II  
 Emergency Contact        INFOTRAC      +1-352-323-3500 (US Toll Free: 800-535-5053)

**IMO/IMDG**

Proper Shipping Name      Coating solution  
 Hazard Class                3  
 ID Number                    UN1139  
 Packing Group                II  
 Emergency Contact        INFOTRAC      +1-352-323-3500 (US Toll Free: 800-535-5053)  
 Stowage Category         B  
 EmS Fire / EmS Spill      F-E / S-E

**IATA/DGR**

Proper Shipping Name      Coating solution  
 Hazard Class                3  
 ID Number                    UN1139  
 Packing Group                II  
 Emergency Contact        INFOTRAC      +1-352-323-3500 (US Toll Free: 800-535-5053)

|                              |                        |                  |
|------------------------------|------------------------|------------------|
| Passenger and Cargo Aircraft | Quantity limitation:   | 2.6 US-Gal (5 L) |
|                              | Packaging instruction: | 353              |
|                              | Special Provisions:    | None             |
| Cargo Aircraft Only          | Quantity limitation:   | None             |
|                              | Packaging instruction: | None             |
|                              | Special Provisions:    | None             |

**MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES**

Nombre propio del transporte      La solución de recubrimiento  
 Clase de peligro                3  
 Número de identificación del      UN1139  
 Grupo de embalaje                II  
 Contacto de Emergencia        INFOTRAC      +1-352-323-3500 (US Toll Free: 800-535-5053)

***Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use, or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.***

**SECTION 15: REGULATORY INFORMATION****U.S. FEDERAL REGULATIONS**

U.S. Department of Labor, Occupational Safety & Health Administration (OSHA)  
 Hazard Communication Standard **(HCS) Classification:**      See Section 2 above  
 Effective 26 March 2012, OSHA modified its Hazard Communication Standard (HCS), **29 CFR Parts 1910, 1915, and 1926**, to conform to the United Nations' Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

**Emergency Planning and Community Right-to-Know Act (EPCRA)**  
42 U.S. Code, Chapter 116

**Sections: 302/304 Extremely Hazardous Substances (EHS):**

Extremely Hazardous Substances (EHSs), (40 CFR Part 302, Table 302.4)

Ingredient(s)    CAS No.  
—                      —

**Sections 311/312 Community Right-To-Know Hazard Categories**

Extremely Hazardous Substances (EHSs), (40 CFR Part 355, Appendix A and Appendix B)

|             |                                    |     |
|-------------|------------------------------------|-----|
| Category A: | Immediate (Acute) Health Hazard:   | Yes |
| Category D: | Delayed (Chronic) Health Hazard:   | Yes |
| Category F: | Fire Hazard:                       | Yes |
| Category R: | Reactive Hazard:                   | No  |
| Category S: | Sudden Release of Pressure Hazard: | No  |

| <u>Ingredient(s)</u>                                       | <u>CAS No.</u> | <u>Category</u> |
|--|----------------|-----------------|
| 4-Methyl-2-pentanone                                       | 108-10-1       | A, D, F         |
| Bisphenol A - epoxy resins, number average MW >700 - <1100 | 25068-38-6     | A               |

**Section: 313 Toxics Release Inventory (TRI) Reportable Ingredients:**

Extremely Hazardous Substances (EHSs), (40 CFR Part 372, Subpart D)

| <u>Ingredient(s)</u> | <u>CAS No.</u> |
|----------------------|----------------|
| 4-Methyl-2-pentanone | 108-10-1       |

**Clean Air Act**

42 U.S. Code, Chapter 85

**Section 111 Volatile Organic Compound (VOC) Content Limits:**

40 CFR Part 59, Subpart D, Table 1

**Volatile Organic Compounds (VOC):**    174.94 g/l, (1.46 lb/gal)

**Section 112(b) Hazardous Air Pollutants (HAPs):**

42 U.S. Code § 7412 - Hazardous air pollutants

| <u>Ingredient(s)</u> | <u>CAS No.</u> |
|----------------------|----------------|
| 4-Methyl-2-pentanone | 108-10-1       |

**Ozone Depleting Substances (ODS):**

42 U.S. Code § 7671a - Listing of class I and class II substances

| <u>Ingredient(s)</u> | <u>CAS No.</u> |
|----------------------|----------------|
| —                    | —              |

**State Regulations**

**USA, California State Safe Drinking & Toxic Enforcement Act (Proposition 65):** This product contains a chemical known to the State of California to cause cancer, birth defects, or any other harm.

| <u>Ingredient(s)</u> | <u>CAS No.</u> |
|----------------------|----------------|
| 4-Methyl-2-pentanone | 108-10-1       |

**USA, Louisiana Right-to-Know Hazardous Substance List (RTKHSL) Components:**

| <u>Ingredient(s)</u> | <u>CAS No.</u> |
|----------------------|----------------|
| —                    | —              |

**USA, Massachusetts Environmental Policy Act (MEPA), 301 CMR 41.00 components:**

| <u>Ingredient(s)</u> | <u>CAS No.</u> |
|----------------------|----------------|
| —                    | —              |

**USA, Michigan Critical Materials Register (CMR) Components:**

| <u>Ingredient(s)</u> | <u>CAS No.</u> |
|----------------------|----------------|
| —                    | —              |

**USA, New Jersey Right to Know Hazardous Substance List (RTKHSL) Components:**

| <u>Ingredient(s)</u> | <u>CAS No.</u> |
|----------------------|----------------|
| 4-Methyl-2-pentanone | 108-10-1       |

**USA, Pennsylvania Right-to-Know Hazardous Substance List (RTKHSL) Components:**

| <u>Ingredient(s)</u> | <u>CAS No.</u> |
|----------------------|----------------|
| 4-Methyl-2-pentanone | 108-10-1       |

PRODUCT SPECIFIC HEALTH AND SAFETY DATA IN OTHER SECTIONS OF THIS SAFETY DATA SHEET (SDS) MAY ALSO BE APPLICABLE FOR STATE REQUIREMENTS. FOR DETAILS ON YOUR REGULATORY REQUIREMENTS YOU SHOULD CONTACT THE APPROPRIATE AGENCY IN YOUR STATE.

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**SECTION 16: OTHER INFORMATION**

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**Preparation Information**

This MSDS has been prepared by CORCHEM<sup>®</sup> Corporation.

Revision: 3-06072024, Product Code: C204-B-0B1

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