SAFETY DATA SHEET

Product: CP2000
Revision Date: 6/01/2015

1. MATERIAL IDENTIFICATION

Product Name: Corr-Paint CP2000
Product Description: Liquid, Black, Aromatic Odor
Product Use: Corrosion Protective Black Coating
Manufacturer: Aremco Products, Inc.
707-B Executive Blvd.
Valley Cottage, NY 10989
Telephone: 845-268-0039
Emergency Phone: 845-268-0039 or Infotrac (24/7) 800-535-5053

2. HAZARDS IDENTIFICATION

GHS Classification:
- Skin Irritation Category 2
- Skin Sensitization Category 1
- Serious Eye Irritation Category 2A
- Respiratory Sensitization Category 1
- Suspected of Causing Cancer Category 2
- Aspiration Hazard Category 1
- Combustible Liquid Category 4

GHS Symbols:

GHS Signal Word:
Danger

GHS Hazard Determining Components:
- Solvent (Naphtha Petroleum), Heavy Aromatic
- 4,4'-Methylenediphenyl Diisocyanate
- Diphenylmethanediphenyl Diisocyanate, Isomers and Homologues
- Carbon Black

GHS Hazard Statements for Health Hazards:
- H227 Combustible liquid
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H335 May cause respiratory irritation
- H351 Suspected of causing cancer
- H304 May be fatal if swallowed and enters airways

GHS Precautionary Statements - Prevention:
- P201 Obtain special instructions before use
- P202 Do not use until all safety precautions have been read and understood
- P210 Keep away from flames and hot surfaces – no smoking
- P233 Keep container tightly closed
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P264 Wash exposed skin thoroughly after handling
- P272 Contaminated work clothing should not be allowed out of the workplace
- P280 Wear protective gloves/eye protection/face protection
- P281 Use personal protective equipment as required
- P285 In case of inadequate ventilation wear respiratory protection
**GHS Precautionary Statements - Response:**

- **P312**: Call a poison center or physician if you feel unwell
- **P302 + P352**: IF ON SKIN: Wash with plenty of soap and water
- **P303 + P361 + P353**: IF ON SKIN: Remove contaminated clothing and rinse skin with plenty of soap and water
- **P333 + P313**: If skin irritation or rash occurs, get medical advice/attention
- **P363**: Wash contaminated clothing before reuse
- **P304 + P340**: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- **P304 + P341**: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- **P342 + P311**: If experiencing respiratory symptoms, call a poison center or physician
- **P305 + P351 + P338**: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **P337 + P313**: If eye irritation persists: Get medical advice/attention.
- **P308 + P313**: If exposed or concerned, get medical advice/attention
- **P301 + P351**: IF SWALLOWED: Immediately call a poison center or physician.
- **P331**: Do not induce vomiting
- **P370 + P378**: In case of fire, use CO2, powder or water spray for extinction.

**GHS Precautionary Statements – Storage & Disposal:**

- **P403**: Store in a well-ventilated place and keep cool
- **P405**: Store locked up
- **P501**: Dispose of contents/container in accordance with local/regional/national/international regulations

### 3. COMPOSITION

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>Concentration</th>
<th>GHS Product Identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent (Naphtha Petroleum), Heavy Aromatic</td>
<td>64742-94-5</td>
<td>265-198-5</td>
<td>25.0-50.0%</td>
<td>H304 Aspiration Hazard, Cat 1</td>
</tr>
</tbody>
</table>
| 4,4’-Methylene diphenyl Disocyanate | 101-68-8 | 202-966-0 | 5.0-10.0% | H315 Skin Irritation, Cat 2  
H317 Skin Sensitization, Cat 1  
H319 Eye Irritation, Cat 2A  
H332 Acute Toxicity, Inhalation, Cat 4  
H334 Respiratory Sensitization, Cat 1  
H335 STOT SE Respiratory Irritation, Cat 3  
H373 STOT RE Lungs, Cat 2 |
| Diphenylmethanediisocyanate, Isomers and Homologues | 9016-87-9 | Not assigned | 2.5-5.0% | H315 Skin Irritation, Cat 2  
H317 Skin Sensitization, Cat 1  
H319 Eye Irritation, Cat 2A  
H332 Acute Toxicity, Inhalation, Cat 4  
H334 Respiratory Sensitization, Cat 1  
H335 STOT SE Respiratory Irritation, Cat 3  
H373 STOT RE Lungs, Cat 2 |
| Carbon Black | 1333-86-4 | 215-609-9 | 1.0-2.5% | H252 Self-Heating, Cat 2 |

### 4. FIRST AID MEASURES

**After eye contact:**

Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention, preferably with an ophthalmologist.

**After skin contact:**

Immediately wipe excess material off skin with a dry cloth then wash with soap and water for at least 5 minutes.

**After inhalation:**

In case of inhalation due to spray mist, remove source of exposure and assure that victim is breathing. If not breathing, administer cardio-pulmonary resuscitation (CPR). Place patient stably in side position for transportation in case person is unconscious.

**After ingestion:**

If swallowed, do not induce vomiting. If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.

**Medical Conditions Possibly Aggravated by Exposure:**

Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.

### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:**

Carbon dioxide, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special Fire Fighting Procedures:**

Firefighters should wear NIOSH/MSHA approved positive pressure breathing apparatus with full face-piece and full chemical resistant protective clothing. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later.
6. ACCIDENTAL RELEASE MEASURES

**Personal Protection:** Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots. Use NIOSH approved respirator where mist occurs.

**Spill Cleanup:** Ensure adequate ventilation. Take up with absorbent material (e.g., sand). Dispose of absorbed material in accordance with federal, state and local regulations or permits. Flush area with water to complete cleanup.

7. HANDLING AND STORAGE

**Handling:** Ensure adequate ventilation. Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Keep container closed. Promptly clean residue from closures with cloth dampened with water. Promptly clean up spills.

**Storage:** Store in an area that is cool, dry, well ventilated, away from combustible material, and away from ignition sources. Keep containers closed. Store in clean plastic or stainless steel containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>TLV (mg/m³)</th>
<th>PEL (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent (Naphtha Petroleum), Heavy Aromatic</td>
<td>64742-94-5</td>
<td>265-198-5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4,4'-Methylene diphenyl Disocyanate</td>
<td>101-68-8</td>
<td>202-966-0</td>
<td>0.2</td>
<td>0.05</td>
</tr>
<tr>
<td>Diphenylmethanediisocyanate, Isomeres and Homologues</td>
<td>9016-87-9</td>
<td>Not assigned</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>215-609-9</td>
<td>3.0</td>
<td>3.5</td>
</tr>
</tbody>
</table>

**Engineering Controls:** Use with adequate ventilation. Keep containers closed. Safety shower and eyewash fountain should be within direct access.

**Respiratory Protection:** If exposure limits are exceeded and local ventilation is unavailable, a supplied-air respirator or a self-contained NIOSH-approved dust and mist respirator is required.

**Skin Protection:** Wear body-covering protective clothing and gloves. A protective glove made of fluorinated rubber is recommended.

**Eye Protection:** Wear chemical goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical here represent typical properties of this product. Contact Technical Sales for exact specifications.

- **Appearance:** Liquid
- **Color:** Black
- **Odor Threshold:** No available information
- **Odor:** Aromatic Solvent
- **pH:** Not determined
- **Specific Gravity, g/cc:** 1.1
- **Water Solubility:** Not miscible; reacts with water
- **Melting Point Range:** Not determined
- **Boiling Point Range:** Not determined
- **Vapor Pressure:** Not determined
- **Vapor Density (air=1):** > 4
- **VOC Content:** 2.86 lbs/gal
- **Viscosity:** 200-240 cP
- **Decomposition temperature:** Not determined
- **Ignition temperature:** 520 °C (968 °F)
- **Partition coefficient:** Not determined
- **Flash point:** 66 °C (151 °F)
- **Flammability:** Not determined
- **Evaporation rate:** Not determined
10. STABILITY AND REACTIVITY

**Chemical Stability:** This material is stable under normal conditions of use and storage.

**Conditions to Avoid:** Keep away from moisture. Reacts with water, strong bases, amines, alcohols, metal compounds, and surface-active materials.

**Hazardous Polymerization:** May occur; contact with moisture may cause polymerization.

**Hazardous Decomposition Materials:** Carbon monoxide, carbon dioxide, HCN, and oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:**

Component:
- CAS No. 101-68-8  4,4’-Methylene diphenyl Diisocyanate
  Oral, LD50, 2200 mg/kg (mouse)

Primary Irritant Effect:
- On the skin: Irritant to skin and mucous membranes
- On the eye: Irritating effect

Sensitization:
- Sensitization possible through inhalation
- Sensitization possible through skin contact

**Carcinogenic Categories:**

- International Agency for research on Cancer (IARC)
  - CAS No. 101-68-8  4,4’-Methylene diphenyl Diisocyanate  3
  - CAS No. 9016-87-9  Diphenylmethanediisocyanate, Isomers & Homologues  3
  - CAS No. 1333-86-4  Carbon Black  2B

- National Toxicology Program (NTP)
  - None of the ingredients is listed

- Occupational Safety & Health Administration (OSHA)
  - None of the ingredients is listed

12. ECOLOGICAL INFORMATION

**Aquatic Toxicity:** No further relevant information available.

**Persistence & Degradability:** No further relevant information available.

**Bioaccumulative Potential:** No further relevant information available.

**Mobility in Soil:** No further relevant information available.

**Additional Information:**
- Water Hazard Class 2 (Self Assessment) – Hazardous for Water.
- Do not allow product to reach ground water, water course or sewage system.
- Danger to drinking water if even small quantities leak into the ground

13. DISPOSAL CONSIDERATIONS

**Disposal Method:** Dispose in accordance with federal, state and local regulations and permits.

14. TRANSPORTATION INFORMATION

**DOT UN Status:** The material is not a regulated hazardous material for transportation.

15. REGULATORY INFORMATION

**U.S. Federal Regulations**

**CERCLA:** No CERCLA reportable quantity has been established for this material.

**TSCA:** All ingredients of this material are listed on the TSCA inventory.
SARA Section 313: Components

<table>
<thead>
<tr>
<th>Component</th>
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<tbody>
<tr>
<td>4,4’-Methylene diphenyl Diisocyanate</td>
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SARA Sections 311, 312:

<table>
<thead>
<tr>
<th>Hazard Classes</th>
<th>Yes/No</th>
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<tbody>
<tr>
<td>Fire</td>
<td>No</td>
</tr>
<tr>
<td>Reactivity</td>
<td>Yes</td>
</tr>
<tr>
<td>Pressure</td>
<td>No</td>
</tr>
<tr>
<td>Immediate</td>
<td>Yes</td>
</tr>
<tr>
<td>Delayed</td>
<td>Yes</td>
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</tbody>
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International Inventory

<table>
<thead>
<tr>
<th>Country</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe (EINECS/ELINCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Australia (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Japan (MITI)</td>
<td>Yes</td>
</tr>
<tr>
<td>South Korea (KECL)</td>
<td>Yes</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

NFPA Ratings (scale 0 – 4)

- Health, 1
- Flammability, 2
- Reactivity, 0
- Personal Protection, H

HMIS Ratings (scale 0 – 4)

- Health, 1
- Flammability, 2
- Reactivity, 0
- Personal Protection, H

Key Legend Information

ACGIH American Conference of Governmental Industrial Hygienists
ARD International Agency for Research on Cancer
CAS Chemical Abstract Service
CERCLA Comprehensive Environmental Response, Compensation & Liability Act
DSL Domestic Substance List
EC European Commission
HMIS Hazardous Materials Identification System
IARC International Agency for Research on Cancer
ND Not Determined
NE Not Established
NFPA National Fire Protection Association
NIOSH National Institute for Occupational Safety & Health
NTP National Toxicology Program
OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
RE Repeat Exposure
RTECS Registry of Toxic Effects of Chemical Substances
SARA Superfund Amendments & Reauthorization Act
SARA Title III Emergency Planning & Community Right to Know Act
SARA Section 302 Extremely Hazardous Substances
SARA Section 304 Emergency Release
SARA Section 311 MSDS/List of Chemicals & Hazardous Inventory
SARA Section 312 Emergency & Hazardous Inventory
SARA Section 313 Toxic Chemicals & Release Reporting
SE Single Exposure
STEL Short Term Exposure Limit
STOT Specific Target Organ Toxicity
TLV Threshold Limit Value
TWA Time Weighted Average

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