

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
Diphenylmethanediisocyanate, Isomeres 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 + P310	IF SWALLOWED: Immediately call a poison center or physician.
P331	Do not induce vomiting
P370 + P378	In case of fire, use CO ₂ , 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

Ingredient	CAS No.	EC No.	Concentration	GHS Product Identifier
Solvent (Naphtha Petroleum), Heavy Aromatic	64742-94-5	265-198-5	25.0-50.0%	H304 Aspiration Hazard, Cat 1
4,4'-Methylenediphenyl Diisocyanate	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 H351 Carcinogenicity, Cat 2 H335 STOT SE Respiratory Irritation, Cat 3 H373 STOT RE Lungs, Cat 2
Diphenylmethanediisocyanate, Isomeres 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 H351 Carcinogenicity, Cat 2 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 <u>spray mist</u> , 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

Ingredient	CAS No.	EC No.	TLV (mg/m ³)	PEL (mg/m ³)
Solvent (Naphtha Petroleum), Heavy Aromatic	64742-94-5	265-198-5		
4,4'-Methylenediphenyl Diisocyanate	101-68-8	202-966-0	0.2	0.05
Diphenylmethanediisocyanate, Isomers and Homologues	9016-87-9	Not assigned		
Carbon Black	1333-86-4	215-609-9	3.0	3.5

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'-Methylenediphenyl 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'-Methylenediphenyl Diisocyanate	3
CAS No. 9016-87-9	Diphenylmethanediisocyanate, Isomeres & 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	CAS No.
	4,4'-Methylenediphenyl Diisocyanate	101-68-8
	Diphenylmethanediisocyanate, Isomeres & Homologues	9016-87-9

SARA Sections 311, 312:	Hazard Classes	Yes/No
	Fire	No
	Reactivity	Yes
	Pressure	No
	Immediate	Yes
	Delayed	Yes

International Inventory	Country	Status
	Canada (DSL)	Yes
	Europe (EINECS/ELINCS)	Yes
	Australia (AICS)	Yes
	Japan (MITI)	Yes
	South Korea (KECL)	Yes

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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