

# Safety Data Sheet

Date Printed: 12/3/2024

Product: WRA-BC-060

## 1. Identification

**Product Information:** WRA-BC-060

**Product Name:** Insitu® BLACK Spray Applied Corrosion Coating

**Recommended Use:** Industrial Paint or Paint Related

**Application Method:** Restricted to professional users

**Supplied by:** Modine Manufacturing Co.  
1423 West Ormsby Ave.  
Louisville, KY

**Emergency Telephone:** ChemTrec 1-800-424-9300

## 2. Hazards Identification

**EMERGENCY OVERVIEW:** No hazards to be specially mentioned.

### GHS Classification

No GHS Classifications were found

### Symbol(s) of Product

No GHS Symbols Exist

### Signal Word

No Signal Word has been assigned

## 3. Composition/Information on Ingredients

Chemical Name	CAS-No.	Wt. %	GHS Symbols	GHS Statements
PROPRIETARY INGREDIENT	PROPRIETARY	25-50	No Information	No Information
DIPROPYLENE GLYCOL BUTYL ETHER	29911-28-2	1.0-2.5	No Information	No Information
CARBON BLACK	1333-86-4	1.0-2.5	GHS07	H332
PROPYLENE GLYCOL	57-55-6	1.0-2.5	No Information	No Information
ETHYLENE GLYCOL BUTYL ETHER	111-76-2	0.1-1.0	GHS06-GHS07	H302-311+H331-315-319
N-Ethylmorpholine	100-74-3	0.1-1.0	No Information	No Information
AMMONIUM HYDROXIDE	1336-21-6	0.1-1.0	GHS05-GHS07	H302-314-335

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

## 4. First-aid Measures



**FIRST AID - GENERAL ADVICE:** No hazards which require special first aid measures.

**FIRST AID - INHALATION:** Immediate medical attention is not required. Remove person to fresh air. If signs/symptoms continue, get medical attention.

**FIRST AID - INGESTION:** Rinse mouth with water. Consult a physician if necessary. Do NOT induce vomiting.

**FIRST AID - SKIN CONTACT:** Immediate medical attention is not required. Wash off with warm water and soap. In the case of skin

irritation or allergic reactions see a physician.

**FIRST AID - EYE CONTACT:** Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

**NOTES TO PHYSICIAN:** Treat symptomatically.

## 5. Fire-fighting Measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None in particular.

**SPECIAL FIREFIGHTING PROCEDURES:** No Information

**EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

## 6. Accidental Release Measures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent media. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations. Dispose of material in accordance with all federal, state and local regulations.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** No Information

**ENVIRONMENTAL PRECAUTIONS:** Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system.

**ADVICE FOR EMERGENCY RESPONDERS:** In the event of fire, wear self-contained breathing apparatus. For personal protection see section 8.

**PERSONAL PRECAUTIONS:** Not applicable.

## 7. Handling and Storage



**HANDLING:** Ensure adequate ventilation, especially in confined areas. Keep container closed when not in use.

**STORAGE:** Store in a well-ventilated place. Keep cool.

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA
PROPRIETARY INGREDIENT	N.E.	N.E.	N.E.
DIPROPYLENE GLYCOL BUTYL ETHER	N.E.	N.E.	N.E.
CARBON BLACK	3 mg/m <sup>3</sup>	N.E.	3.5 mg/m <sup>3</sup>
PROPYLENE GLYCOL	N.E.	N.E.	N.E.
ETHYLENE GLYCOL BUTYL ETHER	20 ppm	N.E.	50 ppm
N-Ethylmorpholine	N.E.	N.E.	N.E.
AMMONIUM HYDROXIDE	N.E.	N.E.	N.E.

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

### Personal Protection



**RESPIRATORY PROTECTION:** No Information



**SKIN PROTECTION:** Wear protective gloves/ protective clothing.



**EYE PROTECTION:** No special protective equipment required.



**OTHER PROTECTIVE EQUIPMENT:** No Information



**HYGIENIC PRACTICES:** Handle in accordance with good industrial hygiene and safety practice.



**ENGINEERING CONTROLS:** None under normal use conditions.

## 9. Physical and Chemical Properties

<b>Appearance:</b>	Opaque	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Solvent	<b>Odor Threshold:</b>	No Information
<b>Density, lb/gal:</b>	8.646	<b>pH:</b>	No Information
<b>Specific Gravity:</b>	1.038	<b>Viscosity:</b>	No Information
<b>Freeze Point, °C:</b>	No Information	<b>Partition Coefficient, n-octanol/ water:</b>	No Information
<b>Solubility in Water:</b>	No Information	<b>VOC (lb/gal)</b>	0.63
<b>Decomposition temperature, °C</b>	No Information	<b>Explosive Limits, %:</b>	2.6 - 12.5
<b>Boiling Range, °C:</b>	>= 100	<b>Flash Point:</b>	94 °C / 201 °F
		<b>Auto-Ignition Temperature, °C</b>	No Information

(See "Other information" Section for abbreviation legend)

## 10. Stability and Reactivity

**REACTIVITY:** Stable under normal conditions.

**STABILITY:** Stable under normal conditions. To avoid thermal decomposition, do not overheat.

**CONDITIONS TO AVOID:** None known.

**INCOMPATIBILITY:** No Information

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

## 11. Toxicological Information



### Practical Experiences

**MOST IMPORTANT SYMPTOMS:** No Information

**EFFECT OF OVEREXPOSURE - INHALATION:** No Information

**EFFECT OF OVEREXPOSURE - INGESTION:** No Information

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** Direct skin contact may cause irritation.

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** No Information

**EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS:** No Information

**PRIMARY ROUTE(S) OF ENTRY:** No Information

**CARCINOGENICITY:** This product contains a known or suspected carcinogen.

Chemical Name	ACGIH	IARC	OSHA
CARBON BLACK	A3	Group 2B	X
ETHYLENE GLYCOL BUTYL ETHER	A3	Group 3	

**Legend:**

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Confirmed Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 2B - Possibly carcinogenic to humans

Group 3 - Unclassifiable as to carcinogenicity in humans

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Acute Toxicity Values**

The acute effects of this product have not been tested. Data on individual components are tabulated below

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
1333-86-4	CARBON BLACK	>10000 mg/kg Rat	N.I.	4.6 mg/L Rat (Dust)
57-55-6	PROPYLENE GLYCOL	20000 mg/kg Rat	20800 mg/kg Rabbit	N.I.
111-76-2	ETHYLENE GLYCOL BUTYL ETHER	470 mg/kg Rat	435 mg/kg Rabbit	N.I.
1336-21-6	AMMONIUM HYDROXIDE	350 mg/kg Rat	N.I.	N.I.

N.I. = No Information

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** No Information

**PERSISTENCE AND DEGRADABILITY:** No Information

**BIOACCUMULATIVE POTENTIAL:** No Information

**MOBILITY IN SOIL:** No Information

**OTHER ADVERSE ECOLOGICAL EFFECTS:** No Information

**Ecotoxicity**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
DIPROPYLENE GLYCOL BUTYL ETHER 29911-28-2	No Information	LC50 96 h Poecilia reticulata 841 mg/L	No Information
PROPYLENE GLYCOL 57-55-6	EC50 96 h Pseudokirchneriella subcapitata 19000 mg/L	LC50 96 h Oncorhynchus mykiss 51600 mg/L, LC50 96 h Oncorhynchus mykiss 41 - 47 mL/L, LC50 96 h Pimephales promelas 51400 mg/L, LC50 96 h Pimephales promelas 710 mg/L	EC50 48 h Daphnia magna >1000 mg/L
ETHYLENE GLYCOL BUTYL ETHER 111-76-2	No Information	LC50 96 h Lepomis macrochirus 1490 mg/L, LC50 96 h Lepomis macrochirus 2950 mg/L	EC50 48 h Daphnia magna >1000 mg/L
AMMONIUM HYDROXIDE 1336-21-6	No Information	LC50 96 h Pimephales promelas 8.2 mg/L	EC50 48 h water flea 0.66 mg/L, EC50 48 h Daphnia pulex 0.66 mg/L

### 13. Disposal Information



#### Product

**DISPOSAL INFORMATION:** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent media. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and regulations. Dispose of material in accordance with all federal, state and local regulations.

**CONTAMINATED PACKAGING:** Do not re-use empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste:

Chemical Name	CAS-No.
CARBON BLACK	1333-86-4
ETHYLENE GLYCOL BUTYL ETHER	111-76-2
AMMONIUM HYDROXIDE	1336-21-6

### 14. Transport Information

#### DOT

UN No	N/A
Proper Shipping Name:	Not Regulated
Hazard Class:	N/A
Hazard Subclass:	N/A
Packing Group:	N/A

#### IMDG

UN No	N/A
IMDG/GGVSee Class:	N/A
EmS-No:	No Information
Packing Group:	N/A
Proper Shipping Name:	Not Regulated
Primary Shipping Hazard:	No Information
Marine Pollutant:	Not Applicable
Shipping Hazard(Marine Pollutant):	No Information

#### IATA

UN No	N/A
ICAO/IATA Class:	N/A
Packing Group:	N/A
Proper Shipping Name:	Not Regulated
Primary Shipping Hazard:	No Information

#### MEX

UN No	N/A
Proper Shipping Name:	Not Regulated
Hazard Class:	N/A
Hazard Subclass:	N/A
Packing Group:	N/A

**15. Regulatory Information****U.S. Federal Regulations:****CAA (Clean Air Act):**

U.S. -CAA (Clean Air Act) - 1990 Hazardous Air Pollutants. This product contains the following HAPs:

None

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
AMMONIUM HYDROXIDE	1000 lb	N/A	N/A	X

**CERCLA - SARA Hazard Category:**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

None Known

**SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372: .

No Sara 313 components exist in this product.

**TOXIC SUBSTANCES CONTROL ACT:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States: All Components of the product are listed or excluded from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) Inventory except as provided below:

No TSCA components exist in this product.

**U.S. State Right-to-Know Regulations**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
PROPRIETARY INGREDIENT					X
DIPROPYLENE GLYCOL BUTYL ETHER					X
CARBON BLACK	X	X	X	X	X
PROPYLENE GLYCOL		X	X		X
ETHYLENE GLYCOL BUTYL ETHER	X	X	X		X
N-Ethylmorpholine					X
AMMONIUM HYDROXIDE	X	X	X		X
1,4-Dioxane		X	X	X	

**CALIFORNIA PROPOSITION 65 CARCINOGENS:****WARNING**

The following ingredients present in the product are known to the state of California to cause Cancer:

**Chemical Name**  
CARBON BLACK

**CAS-No.**  
1333-86-4

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS:****WARNING**

The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

**International Regulations: As follows -****INTERNATIONAL INVENTORIES:**

TSCA	-
DSL	-
DSL/NDSL	-
EINECS/ELINCS	-
ENCS	-
IECSC	-
KECI	-
PICCS	-
AICS	-
NZIoC	-
TCSI	-

**Legend:**

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL	Canadian Domestic Substances List
DSL/NDSL	Canadian Domestic Substances List/Canadian Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
PICCS	Philippines Inventory of Chemicals and Chemical Substances
AICS	Australian Inventory of Chemical Substances
NZIoC	New Zealand Inventory of Chemicals
TCSI	Taiwan Chemical Substance Inventory

**Mexico - Grade      Serious risk, Grade 4**

Chemical Name	CAS-No.	Carcinogenic Status	Exposure Limits
PROPRIETARY INGREDIENT	PROPRIETARY	N/A	N.D.
DIPROPYLENE GLYCOL BUTYL ETHER	29911-28-2	N/A	N.D.
CARBON BLACK	1333-86-4	A3	Mexico TWA: 3 mg/m3
PROPYLENE GLYCOL	57-55-6	N/A	N.D.
ETHYLENE GLYCOL BUTYL ETHER	111-76-2	A3	Mexico TWA: 20 ppm
N-Ethylmorpholine	100-74-3	N/A	N.D.
AMMONIUM HYDROXIDE	1336-21-6	N/A	N.D.

**16. Other Information**

Revision Date: 12/3/2024

Supersedes Date: 11/19/2024

Datasheet produced by: Regulatory Department

NFPA Rating:

Health:	0	Flammability:	1	Instability:	0
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HMIS Ratings:

Health:	0	Flammability:	1	Reactivity:	0	Personal Protection:	X
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Volatile Organic Compounds, gr/ltr: 75

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.

ObjectId: 125928 124707 125929