

## Safety Data Sheet

### Uni-Bright

Revision Date: 4/1/2018

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#### PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Uni-Bright**  
 Product Use/Class: zinc-rich cold galvanizing paint  
 Company Identification: McGill AirSeal LLC  
 2400 Fairwood Ave.  
 Columbus, OH 43207

Contact: McGill AirSeal LLC  
 Main Phone: (614)829-1200  
 Toll-Free: (800)624-5535  
 Fax: (614)829-1488  
 Emergency Chem-Tel: (800)255-3924 (24 Hrs)

#### HAZARDS IDENTIFICATION

Route of Entry: Primary Route(S) of Entry: Eye Contact, Inhalation, Skin Adsorption, Skin Contact

Inhalation: Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors or mist. High vapor concentrations are irritating to the eyes, nose, throat and lings.

Skin Contact: Substance may cause slight skin irritation. Prolonged or repeated contact may cause skin irritation.

Eye Contact: Causes eye irritation.

Ingestion: Substance may be harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.

NFPA: Health = 2, Fire = 4, Reactivity = 0  
 HMIS III: H\*2/F4/PH1

NFPA		HMIS III	
FIRE HAZARD		HEALTH <input checked="" type="checkbox"/>	2
4	0	FLAMMABILITY	4
2	POLY	PHYSICAL HAZARDS	1
SPECIFIC HAZARD		PERSONAL PROTECTION W I Dust and Vapor Respirator	

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GHS Signal Word:

DANGER

GHS Hazard Pictograms:



GHS Classifications:

Health, Acute toxicity, 4 Oral

Health, Acute toxicity, 4 Inhalation

Physical, Flammable Aerosols, 1

Physical, Gases Under Pressure, Liquefied Gas

GHS Phrases:

H302 - Harmful if swallowed

H332 - Harmful if inhaled

H222 - Extremely flammable aerosol

H280 - Contains gas under pressure; may explode if heated

GHS Precautionary Statements:

P251 - Pressurized container: Do not pierce or burn, even after use.

P102 - Keep out of reach of children.

P211 - Do not spray on an open flame or other ignition source.

P262 - Do not get in eyes, on skin, or on clothing.

P271 - Use only outdoors or in a well-ventilated area.

P285 - In case of inadequate ventilation wear respiratory protection.

P332+313 - If skin irritation occurs: Get medical advice/attention.

P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

P210 - Keep away from heat sparks/open flames/hot surfaces. No smoking

P261 - Avoid breathing dust fume/gas/mist/vapors/spray.

P270 - Do not eat, drink or smoke when using this product.

P281 - Use personal protective equipment as required.

P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Effects of overexposure- Chronic Hazards: Overexposure to Xylene in laboratory animals has been associated with liver abnormalities, kidney, lung, spleen, eye and blood damage as well as reproductive disorders. Effects in humans, due to chronic exposure have included liver, cardiac abnormalities and nervous system damage. IARC lists Ethylbenzene as a possible human carcinogen (group 2B) Contains carbon black. Chronic inflammation, lung fibrosis and lung tumors have been observed in some rats experimentally exposed for long periods of time to excessive concentrations of carbon black and several insoluble fine dust particles. Tumors have not been observed in other animal species (i.e. mouse and hamster) under similar circumstances and study conditions. Epidemiological studies of North American workers show no evidence of clinically significant adverse health effects due to occupational exposure to carbon black

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**COMPOSITION/INFORMATION ON INGREDIENTS**

**Ingredients:**

Acetone	67-64-1	750PPM	750PPM	<45%
Propane	74-98-6	1000PPM	N/A	<20%
Isobutane	75-28-5	800PPM	N/A	<10%
Toluene	108-88-3	100PPM	100PPM	<15%
Zinc	7440-66-6	50PPM	50PPM	35%

**FIRST AID MEASURES**

- Inhalation:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.
- Skin Contact:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.
- Ingestion:** Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Get immediate medical attention.

**FIRE FIGHTING MEASURES**

- Flammability:** EXTREMELY FLAMMABLE LIQUID AND VAPOR!
- Flash Point:** <30Degrees F
- Flash Point Method:** Setafash Closed Cup

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flash Point is less than 30 degrees F. Extremely Flammable Liquid and Vapor! Water spray may be ineffective. Closed containers may explode when exposed to extreme heat. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Perforation of the pressured container may cause bursting of the can.

SPECIAL FIREFIGHTING PROCEDURES: Evacuate area and fight fire from a safe distance.

**ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spilled liquid with sand or earth. DO NOT use combustible materials like sawdust. Remove all sources of ignition, ventilate area and remove with inert absorbent and non-sparking tools. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

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#### HANDLING AND STORAGE

**Handling Precautions:** Wash thoroughly after handling. Wash hands before eating. Use only in a well-ventilated area. Follow all SOS label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors or mist.

**Storage Requirements:** Keep containers tightly closed. loslate from heat, electrical equipment, sparks and open flame. Do not store above 120 degrees F. Store large quantities in buildings designed and protected for storage of NFPA Class ! flammable liquids.. Contents under pressure. Do not expose to heat or store above 120 degree F.

#### EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Precautions to be taken in use:  
 Use only with adequate ventilation.  
 Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.  
 Wash hands after using.  
 This coating may contain materials classified as nuisance particulates (listed :as dust in Section 2)which may be present at hazardous levels only during sanding or abrading of the dried film, If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m3 (total dust) 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust) 5mg/m3 (resirable).

**Personal Protective Equip:** Ventilation:  
 Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

Respiratory Protection:  
 If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.  
 When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint or the abrasive.

Protective Gloves:  
 None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact wear chemical resistant gloves.

Eye Protection:  
 Wear safety spectacles with unperforated side shields.

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

#### PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Various Color Liquid	<b>Solubility:</b>	Not Available
<b>Spec Grav./Density:</b>	.74	<b>Percent Volatile:</b>	81.9%
<b>Boiling Point:</b>	241 / 386 degrees F	<b>Freezing/Melting Pt.:</b>	Not Available
<b>Flammability:</b>	Extremely Flammable	<b>Flash Point:</b>	< 30 degrees F
<b>pH:</b>	N/A	<b>Vapor Density:</b>	Heavier than air
<b>Evap. Rate:</b>	Slower than ether	<b>VOC:</b>	53.31%

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#### STABILITY AND REACTIVITY

**Stability:** This product is stable under normal conditions.

**Conditions to Avoid:** Avoid temperatures above 120 degrees F. Avoid all possible sources of ignition.

**Materials to Avoid:** Incompatible with strong oxidizing agents, strong acids and strong alkalis.

**Hazardous Decomposition:** By open flame, carbon monoxide and carbon dioxide. When heated to decomposition it emits acrid smoke and irritating fumes.

**Hazardous Polymerization:** Will not occur under normal conditions.

#### TOXICOLOGICAL INFORMATION

Chronic Health Hazards

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Toxicology Data

Cas NO.	Ingredient Name	LC50 RAT	4HR	Not Available
74-98-6	Propane	LD50 RAT		Not Available
75-28-5	Isobutane	LC50 RAT	4HR	Not Available
108-88-3	Toluene	LD50 RAT		5000 mg/kg
67-64-1	Acetone	LC50 RAT	4HR	Not Available
		LD50 RAT		5800 mg/kg

#### ECOLOGICAL INFORMATION

Product is a mixture of listed components.

#### DISPOSAL CONSIDERATIONS

Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

#### TRANSPORT INFORMATION

UN #: UN 1950

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 (ocean, 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

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regulations is the sole responsibility of the person offering the product for transport.

US Ground (DOT)

May be classed as LTD. QTY. or ORM-D  
UN 1950, AEROSOLS, 2.1 LIMITED QUANTITY, (ERG#126)

Canada (TDG)

May be classified as LTD. QTY. OR ORM-D  
UN1950, AEROSOLS, CLASS 2.1 LIMITED QUANTITY (ERG#126)

IMO

May be shipped as Limited Quantity  
UN1950 AEROSOLS, CLASS 2.1, LIMITED QUANTITY, EmS F-D, S-U

IATA/ICAO

UN1950, AEROSOLS, FLAMMABLE, 2.1 LIMITED QUANTITY

**REGULATORY INFORMATION**

This product has been reviewed according to the EPA "Hazard Categories" promulated 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:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of SARA and 40 CFR part 372.

Chemical Name	Cas No.
Toluene California Propositio 65	108-88-3

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

TSCA Certification

All chemicals in this product are listed, or are exempt from listing, on the TSCA inventory

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**OTHER INFORMATION**

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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.