

Issued to : American Construction Metals
1600 Park Avenue

Beloit WI 53511

Attention: : Material Safety Data Sheet Coordinator

The attached Material Safety Data Sheet relates potential hazards and recommended practices for safe handling of the product.

We urge you and your employees to review the entire MSDS prior to handling, use or disposal of the product.

You are required to keep this MSDS on file for reference by company employees or government regulatory officials.

If you resell or distribute this product, you must furnish a copy of the MSDS to your customer.

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT CODE : 02235 691051 604
PRODUCT NAME : TUBZ BRONZE METALLIC RAINWARE
PRODUCT CLASS : Aerosol Touch-Up

MSDS PREPARATION DATE : 04/28/2014

MANUFACTURER IDENTIFICATION:

QUEST INDUSTRIAL PRODUCTS
PO BOX 1090

CUSTOMER IDENTIFICATION:

American Construction Metals
1600 Park Avenue

MENOMONEE FALLS WI 53052-1090 Beloit WI 53511

EMERGENCY TELEPHONE NUMBERS:

24 HOURS A DAY - CALL CHEMTREC : 800-424-9300
INTERNATIONAL CALLS TO CHEMTREC : 703-527-3887
8 AM TO 4:30 PM CENTRAL TIME : 262-255-9500

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

1 CARBON BLACK
CAS# 1333-86-4
CARBON BLACK
PCT BY WT: .3060
EXPOSURE LIMIT:
ACGIH TLV-TWA 3.0 mg/m3 (inhalable fraction)
ACGIH TLV-STEL NO INFO
OSHA PEL-TWA 3.5 mg/m3
OTHER PROP 65-Cancer, listed 2/21/03, IARC(2B)
OTHER LIMITS:

EINECS 215-609-9

2 ETHYLBENZENE
 CAS# 100-41-4
 ETHYLBENZENE
 PCT BY WT: 2.4760 VAPOR PRESSURE: 7.000 MMHG @ 68F LEL .80
 EXPOSURE LIMIT:
 ACGIH TLV-TWA 100 ppm
 ACGIH TLV-STEL 125 ppm
 OSHA PEL-TWA 100 ppm
 OSHA PEL-STEL 125 ppm
 OTHER IARC (2B), CALIFORNIA PROP 65 (Cancer 6/11/2004)
 LD50(ORAL) 3500 mg/kg (rat)
 LD50(DERMAL) 20574 mg/kg (rabbit)
 LC50 17623 mg/m3 (rat)
 OTHER LIMITS:
 PROP 65-Cancer,listed 6/11/04 EINECS 202-849-4

3 N-BUTANE
 CAS# 106-97-8
 N-BUTANE
 PCT BY WT: 8.0000 VAPOR PRESSURE: 879.100 MMHG @ 68F LEL 1.80
 EXPOSURE LIMIT:
 ACGIH TLV-TWA 800 ppm
 ACGIH TLV-STEL NO INFO
 OSHA PEL-TWA 800 ppm
 COMPANY N.E.
 LD50(ORAL) N.A.
 LD50(DERMAL) N.A.
 LC50 658000 mg/m3 (rat)
 OTHER LIMITS:
 EINECS 203-448-7

4 PROPANE
 CAS# 74-98-6
 PROPANE
 PCT BY WT: 16.0000 VAPOR PRESSURE: 5585.200 MMHG @ 68F LEL 2.20
 EXPOSURE LIMIT:
 ACGIH TLV-TWA 1000 ppm
 ACGIH TLV-STEL NO INFORMATION
 LD50(ORAL) NOT APPLICABLE
 LD50(DERMAL) NOT APPLICABLE
 LC50 NO INFORMATION
 OTHER LIMITS:
 EINECS 200-827-9

5 AMORPHOUS PRECIPITATED SILICA
 CAS# 112926-00-8
 AMORPHOUS PRECIPITATED SILICA
 PCT BY WT: 1.0000
 EXPOSURE LIMIT:
 ACGIH TLV-TWA 10 mg/m3
 ACGIH TLV-STEL NO INFO
 LD50(ORAL) >10000 mg/kg (rat)
 LD50(DERMAL) NO INFORMATION
 LC50 >139 mg/m3 (rat)
 OTHER LIMITS:
 EINECS NONE

6 XYLENE
 CAS# 1330-20-7
 XYLENE
 PCT BY WT: 11.0000 VAPOR PRESSURE: 6.600 MMHG @ 68F LEL 1.00

EXPOSURE LIMIT:

ACGIH TLV-TWA	100 ppm
ACGIH TLV-STEL	150 ppm
OSHA PEL-TWA	100 ppm
OSHA PEL-STEL	150 ppm
COMPANY	N.E.
LD50(ORAL)	4300 mg/kg (rat)
LD50(DERMAL)	1700 mg/kg (rabbit)
LC50	18892 mg/m3 (rat)

OTHER LIMITS:

EINECS 215-535-7

7 ACETONE

CAS# 67-64-1

ACETONE

PCT BY WT: 37.0000 VAPOR PRESSURE: 231.000 MMHG @ 68F LEL 2.60

EXPOSURE LIMIT:

ACGIH TLV-TWA	750 ppm
ACGIH TLV-STEL	1000 ppm
OSHA PEL-TWA	750 ppm
OSHA PEL-STEL	1000 ppm
COMPANY	N.E.
LD50(ORAL)	5340 mg/kg (rabbit)
LD50(DERMAL)	20000 mg/kg (rabbit)
LC50	70852 mg/m3 (rat)

OTHER LIMITS:

EINECS 200-662-2

8 GLYCOL ETHER PM ACETATE

CAS# 108-65-6

PROPYLENE GLYCOL METHYL ETHER ACETATE

PCT BY WT: 6.0000 VAPOR PRESSURE: 3.700 MMHG @ 68F LEL 1.30

EXPOSURE LIMIT:

ACGIH TLV-TWA	NOT ESTABLISHED
ACGIH TLV-STEL	NOT ESTABLISHED
LD50(ORAL)	8500 mg/kg (rat)
LD50(DERMAL)	5000 mg/kg (rat)
LC50	5321 mg/m3 (rat)

OTHER LIMITS:

EINECS 203-603-9

9 TOLUENE

CAS# 108-88-3

TOLUENE

PCT BY WT: 2.0000 VAPOR PRESSURE: 38.000 MMHG @ 68F LEL 1.40

EXPOSURE LIMIT:

ACGIH TLV-TWA	20 ppm
ACGIH TLV-STEL	NO INFO
OSHA PEL-TWA	50 ppm
COMPANY	N.E.
LD50(ORAL)	636 mg/kg (rat)
LD50(DERMAL)	14124 mg/kg (rabbit)
LC50	7523 mg/m3 (mouse)

OTHER LIMITS:

Prop 65-Developmental-01/01/91 EINECS 203-625-9

This product contains one or more reported carcinogens or suspected carcinogens which are noted NTP, IARC, or OSHA-Z in the other limits recommended column.

This substance is classified as a hazardous air pollutant.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Harmful if swallowed.
Harmful if inhaled.
Harmful if absorbed through skin.
Causes eye irritation.
Causes skin irritation.
Vapors irritating to eyes and respiratory tract.
Extremely flammable liquid and vapor.
Vapors may cause flash fire or explosion.
Extremely flammable aerosol.
Contents under pressure.

EYE:

May cause severe eye irritation.

SKIN:

Contact with skin may cause irritation with discomfort or rash.
Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).
Harmful if absorbed through the skin.
Skin contact may aggravate an existing dermatitis.

INHALATION:

Exposure to high concentrations of vapors may cause dizziness, breathing difficulty, headaches or respiratory irritation.
Extremely high concentrations may cause drowsiness, staggering, confusion, unconsciousness, coma or death.
Excessive inhalation of vapors can cause nasal and respiratory irritation.
Liquid or vapor may be irritating to skin, eyes, throat or lungs.
Prolonged inhalation of dusts containing free silica may result in the development of a disabling pulmonary fibrosis(lung disease) known as silicosis.
Intentional misuse by deliberately concentrating and inhaling the contents of this product can be harmful or fatal.
Respiratory symptoms associated with pre-existing lung disorders may be aggravated by exposure to material(s) in this product.

INGESTION:

Moderately toxic. May cause stomach discomfort, nausea, vomiting, diarrhea, and narcosis.
Aspiration of material into the lungs if swallowed or if vomiting occurs can cause chemical pneumonitis which can be fatal.

CHRONIC EFFECTS:

Chronic overexposure to a component or components in this material has been found to cause the following effects in laboratory animals:

- Kidney damage
- Eye damage
- Lung damage
- Liver damage
- Spleen damage
- Anemia
- Brain damage

Chronic overexposure to a component or components in this product has been suggested as a cause of the following effects in humans:

- Liver damage
- Cardiac abnormalities

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

The exposure risk of crystalline silica is higher when the respirable portion is available for exposure. The risk of exposure may be reduced when encapsulated in a coating. The risk of cancer depends on the

CLEAN-UP AND CONTAINMENT:

Remove all sources of ignition. Avoid heat, sparks, flames and anything which could cause fire.

Ventilate area of spill and adjacent low lying areas. Avoid breathing solvent vapors. Remove with inert absorbent materials and non-sparking tools.

SECTION 7 - HANDLING AND STORAGE

HANDLING:

Wash hands thoroughly after handling.

STORAGE:

Store in a cool dry area with ventilation suitable for storing materials shown in section 2.

Store this product indoors to protect from freezing.

Keep away from heat, sparks and flame.

Store in a cool place away from direct sunlight or any source of ignition. Do not store at temperatures above 120 degrees F.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

ENGINEERING CONTROLS:

Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit.

RESPIRATORY PROTECTION:

If workplace exposure limits are exceeded for any component (see section 2 for hazardous components and exposure limits), a NIOSH/OSHA approved respirator suitable for components listed is recommended.

SKIN PROTECTION:

Chemical resistant plastic or rubber gloves recommended for prolonged or repeated contact.

EYE PROTECTION:

Chemical goggles with side shields or face shield recommended if contact with the eyes is likely.

OTHER PROTECTIVE EQUIPMENT:

Appropriate impervious clothing is recommended if prolonged or repeated contact is likely.

HYGIENIC PRACTICES:

Wash hands before eating or smoking. Smoke in designated areas only.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	:	5585.20	mm Hg @ 20 C
Vapor Density	:	3.70	
Boiling Range	:	Lower - 1.0	øF
	:	Higher - 302.0	øF
Specific Gravity	:	.763	
Formula weight per Volume	:	6.3492	LB/GL
VOC (Calculated, LB/GAL)	:	4.534	
VOC (Calculated, GM/L)	:	543.30	
Percent Volatile by weight	:	82.7977	
Percent Volatile by Volume	:	89.2714	
Evaporation Rate	:	7.700	(n-Butyl Acetate = 1)
Viscosity	:	-N/A	

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID:

Avoid contact with heat, sparks, and open flame.

Product may explode if heated. Keep cool, avoid exposure to heat.

INCOMPATIBILITIES:

Strong oxidizing agents.

Aluminum flake can react violently with halogenated hydrocarbons including halogenated fire extinguishing agents. Aluminum flake can also react with some acids, caustic solutions.

DECOMPOSITION:

Thermal decomposition may produce carbon dioxide, carbon monoxide, and unidentifiable organic materials.

Product may produce toxic fumes when burned.

POLYMERIZATION:

No hazardous polymerization will occur under normal conditions.

STABILITY:

The product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

No specific information is available. Please refer to section 2 and 3 for available information on exposure limits and hazards identification.

SECTION 12 - ECOLOGICAL INFORMATION

No specific ecological information is available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Place in closed containers. Dispose of product in accordance with local, county, state, and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

Ground shipment of limited or excepted quantities of aerosols or liquid paint in containers of 1 quart or less:

CONSUMER COMMODITY, ORM-D

Ground shipment of liquid paint in containers more than 1 quart:

PAINT, FLAMMABLE LIQUID, UN1263, CLASS 3, GROUP II

(Regulatory sources: DOT 49CFR 172.101)

Air shipment of limited or excepted quantities of aerosols or liquid paint in containers of 1 quart or less:

CONSUMER COMMODITY, ID 8000, CLASS 9 MISCELLANEOUS LABEL

(Regulatory sources: IATA Quantity Exemptions - Table 2.8.4, 2.7.A, 2.7.5, Packaging Instruction: 910)

OR

AEROSOLS, FLAMMABLE, UN1950, CLASS 2.1 LABEL

(Regulatory sources: IATA Quantity Exemptions - Table 2.8.1, 2.8.4, Packaging Instruction: Y203)

SECTION 15 - REGULATORY INFORMATION

SARA 313 INFORMATION:

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

ETHYLBENZENE

CAS# 100-41-4 PCT BY WT: 2.4760

XYLENE

CAS# 1330-20-7 PCT BY WT: 10.9800

TOLUENE

CAS# 108-88-3 PCT BY WT: 1.8740

FEDERAL REGULATIONS:

TOXIC SUBSTANCES CONTROL ACT: The chemical substances in this product are listed on the TSCA Section 8 inventory.

STATE REGULATIONS:

This product contains chemical(s) which are listed on California's proposition 65 list. If the product is to be sold or used in California a clear and reasonable warning must be provided such as:
 Warning! This product contains a chemical or chemicals known to the State of California to cause cancer.
 Warning! This product contains a chemical or chemicals known to the State of California to cause birth defects or other reproductive harm.

NEW JERSEY RIGHT-TO-KNOW

The following non-hazardous ingredients are among the top five components in this product

----- CHEMICAL NAME -----	CAS NUMBER
ALKYD RESIN SOLIDS	NONE

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3 %

----- CHEMICAL NAME -----	CAS NUMBER
ALKYD RESIN SOLIDS	NONE
Acrylic Polymer	Not Listed

INTERNATIONAL REGULATIONS:

CANADA: The chemical substances in this product are listed on the Canadian Domestic Substances List.

SECTION 16 - OTHER INFORMATION

The information contained on this MSDS is believed to be reliable and accurate. Due to the changing nature of government information, it is impossible to guarantee the accuracy of the information contained herein. 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. This information should not be regarded as legal advice or regulation. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations. For questions relating to specific aspects of the requirements and regulations consult the proper regulatory agency.

HMIS RATINGS:

HEALTH: 2* FLAMMABILITY: 4 REACTIVITY: 0 PERSONAL PROTECTION: X

□