SAFETY DATA SHEET
True Color Concrete Stain

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: True Color Concrete Stain
Other Means of Identification: #42-341,#42-342, #42-343, #42-344, #42-345, #42-346, #42-347, #42-348
Recommended Use Of The Product: Dye for coloring concrete and masonry

Manufacturer/Supplier:
Bon Tool Co.
DBA Bonway
4430 Gibsonia Rd.
Gibsonia, PA 15044

Telephone Numbers:
Phone: 800-444-7060
Fax: 800-444-7065

Emergency Phone (24 hrs):
Chem-Tel 800-255-3924

Revised On: 8/24/2015

2. HAZARDOUS IDENTIFICATION

Emergency:

OSHA Hazards: Target Organ Effects – Irritant

Target Organs: Liver, Kidney

GHS Classification: Specific Target organ toxicity – multi exposure (Category 3)

GHS Label Elements Including Precautionary Statements: Pictogram

Signal Word: Warning

GHS Hazard Statement(s):

(H303) May be harmful if swallowed.
(H313) May be harmful in contact with skin..
(H319) Causes serious eye irritation.
(H336) May cause drowsiness or dizziness.

Precautionary Statement(s):

(P261) Avoid breathing dust/fume/gas/mist/vapor/spray.
(P305/351)
. (P338 IF IN EYES) Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to accomplish. Continue rinsing.

HMIS CLASSIFICATION:

Health Hazard:	2
Chronic Health Hazard:	*
Flammability:	0
Physical Hazards:	0

3. INFORMATION ON THE HAZARDOUS INGREDIENTS

Component	Conc. (wt %)	EC No.	Mol/wt.	CAS No.
1-methoxy-2-propanol	35-50	203-539-1	90.12	107-98-2
Ethylene glycol Monobutyl Ether	7-10	203-905-0		111-76-2
2-(2-butoxyethoxy) ethanol	1-5	203-961-6	162.23	112-34-5
Chromium III compound as an integral part of the dye complex	>.7	----------	----------	----------

4. FIRST-AID MEASURES

General Advice:
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of the dangerous area.

Ingestion: Rinse mouth with water. Seek medical advice.

Skin: Wash with mild soap and water. Seek medical advice.

Eyes: Flush with water for at least 15 minutes. Seek medical advice.

Inhalation: Remove to fresh air. Aid victim with breathing if necessary. Seek medical attention.

5. FIRE-FIGHTING MEASURES

Conditions of flammability Flammable in the presence of a source of ignition when the temperature is above the flash point. No smoking.

Extinguishing media
Small fires: Carbon dioxide, dry chemical, water, alcohol resistant foam

Special Protective equipment for fire-fighters:
Fire fighters should wear an approved self-contained breathing apparatus and full protective clothing.
Vapors may form explosive mixture with air. May form peroxides of unknown stability. Use waterspray to cool containers.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:
Avoid breathing vapors, mist or gas. Ensureadequate ventilation. Remove all sources of ignition. Accumulating vapors may form explosiveconcentrations. Vapors can accumulate in low areas.

Environmental Precautions:
Prevent leakage of product into water-courses or drainage system by diking with sand or other absorbentmaterials. Contact authorities, and waste-water treatment plant as appropriate if significant contaminationoccurs.

Methods and Materials for Containment and Cleaning Up:
Eliminate all ignition sources. Stop the source of leak or release. Contain spillage with inert absorbentmaterials. Use only non-conducting, non-sparking tools to cleanup. Kept a fire extinguisher nearby in theevent of an accidental ignition. Clean up spill as soon as possible. Small spills can be swept-up with a wetbrush or vacuumed with an electrically protected vacuum. Place spilled material in suitable container fordisposal in accordance with local and national regulations. Wash contaminated surfaces with water, andcollect washings for safe disposal. Follow prescribed procedures for responding to large spills and reporting toappropriate authorities.

7. HANDLING AND STORAGE

Precautions For Safe Handling:
Avoid excessive contact with eyes, skin, and inhalation of vapor or mist. Keep away from ignition sources.No smoking. Take precautions to prevent electro-static discharge. Use proper bonding / grounding techniques when transferring product from original container. Wear protective clothing as in Section 8. Good general ventilation is recommended.

Conditions For Safe Storage, Including Any Incompatibilities:
Keep only in the original container, dry, well ventilated and tightly sealed. Store in a cool and dry location.Keep away from direct sunlight. Keep container tightly closed when not in use.

Air Sensitive. May form explosive peroxides on prolonged storage. May form peroxides on contact with air.

Specific End Uses:
Industrial Use

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with occupational exposure limit values

1-Methoxy-2-propanol	CAS No. 107-98-2	100 ppm (TWA) USA
Chromium III (compounds)		0.5 mg/m3 (TWA) USA

Personal Protective Equipment

Respiratory Protection:
Use engineering controls to provide adequate ventilation. For higher level protection use a full-face respirator with multi-purpose combination (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand Protection:
Handle with gloves. Gloves must be inspected prior to use. Use proper gloves and removal technique (without touching gloves outer surface) to avoid skin contact with tis product. Dispose of contaminated gloves in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact

Material:	butyl-rubber
Minimum Layer Thickness:	0.3 mm
Break Through Time:	480 min

Splash Contact

Material:	Nature latex/ chloroprene
Minimum Layer Thickness:	0.6 mm
Break through time:	37 min

Eye Protection:
Face shield and Safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)

Skin and Body Protection:
Impervious clothing. Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of dangerous substance in the workplace.

Hygiene Measures:
Handle in accordance with good industrial hygiene and safety practices. Wash hands after handling material.**11. TOXICOLOGICAL**

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Appearance/Form	Dark colored liquid
Odor	Mild sweet solvent-like
pH	7.00 – 8.5 10 g/l @ 20° C
Freeze/ Melting point (°C)	<5° C
Flash point (°C)	70° C
Flammability (solids and gases)	Can burn
Upper/lower flammability or explosive limits	Product vapors present an explosion hazard
Bulk density	Not established
Solubility: in water	Miscible

Symptoms Related To The Physical, Chemical and Toxicological Characteristics:
Specific data not available

Delayed and Immediate Effects and Also Chronic Effects From Short- and Long-Term Exposure:
Specific data not available

Numerical Measures Of Toxicity (such as acute toxicity estimates):
Specific data not available

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal storage and handling conditions.
Conditions to avoid	Ignition sources, Flame, static discharge, heat
Incompatible materials	Strong oxidizing agents, Corrosive to aluminum
Hazardous decomposition products	Oxides of carbon

11.TOXICOLOGICAL INFORMATION.

Acute toxicity	Oral LD50- rat- 5,660 mg/kg
Skin corrosion/irritation	Skin – rabbit- Open irritation test
Serious Eye damage/eye irritation	Eyes – rabbit- Mild eye irritation –24h
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	Genotoxicity in vitro-Ames test- Not mutagenic
Carcinogenicity	No component listed as a carcinogen on OSHA, IARC, NTP, ACGIH Not applicable
Reproductive toxicity	No data available
Specific target organ toxicity-single exposure	No data available
Aspiration hazard	No data available
Specific target organ toxicity-repeated exposure	May cause drowsiness or dizziness.
Potential health effects	
Inhalation	May be harmful if inhaled. Cause respiratory irritation. Vapors may cause drowsiness and dizziness.
Ingestion	May be harmful if swallowed.
Skin	No data available.
Eyes	Causes eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12.ECOLOGICAL INFORMATION

Toxicity to fish	LC50 – Leuciscus idus- >1,000 mg/l – 48h
Persistence/degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available
Other adverse effects	No data available

13.DISPOSAL CONSIDERATIONS

Product

Burn in a chemical incinerator equipped with an afterburner and scrubber. This product should not bedisposed of via drains. Disposal must be in accordance with current national and local regulations. Werecommend that you contact either the authorities or approved waste disposal companies who will advise youin how to dispose of waste.

14.TRANSPORTATION INFORMATION

THIS PRODUCT IS NOT DOT (US) REGULATED WHEN THE CONTAINER SIZE IS LESS THAN 119 GALLONS
DOT (US) Shipping Containers Sizes Greater than 119 Gallons See Below:

DOT (US)	UN1263 Class: 3 Packing group: III
Proper Shipping Name:	Paint (contains 1-Methoxy-2-propanol)
Reportable RQ:	
Marine Pollutant:	No
Poison Inhalation Hazard:	No
IMDG	UN3092 Class: 3 Packing group: III EMS-No: F-E, S-D
Proper Shipping Name:	1-Methoxy-2-propanol
Marine Pollutant:	No
IATA	UN3092 Class: 3 Packing group: III
Proper Shipping Name:	1-Methoxy-2-propanol

15.REGULATORY INFORMATION

OSHA Hazards	Flammable liquid, Target Organ Effect, Irritant
Sara 302 Components	No chemicals are subject to reporting requirements of Title III Sec. 302
Sara 313 Components	2-(2-Butoxyethoxy) ethanol CAS No. 112-34-5 Revision Date: 1995-01-01
Sara 311/312 Hazards	Fire Hazard, Acute Health Hazard, Chronic Health Hazard EC Mixture

	CAS No.	Revision Date
Massachusetts Right To Know Components		
Monopropylene glycol methyl ether	107-98-2199	4-04-01
Pennsylvania Right To Know Components		
Monopropylene glycol methyl ether	107-98-2199	4-04-01
2-(2-Butoxyethoxy) ethanol	112-34-5199	5-01-01
New Jersey Right To Know Components		
Monopropylene glycol methyl ether	107-98-2199	4-04-01
2-(2-Butoxyethoxy) ethanol	112-34-5199	5-01-01

16.OTHER INFORMATION

All information and data appearing on this Safety Data Sheet are believed to be reliable and accurate. However, it is the user's responsibility to determine the safety, toxicity, and suitability for own use of the product described. Since the actual use by others is beyond our control, no guarantee, expressed or implied. User assumes all responsibility.