SAFETY DATA SHEET

Revision Date: 08/24/2015
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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

IDENTIFICATION OF THE PRODUCT
CHEMICAL TYPE MIXTURE

- **Product name:** AQUA TINT DYE - All colors
- **Relevant identified use of the substance/mixture**
  Dye for coloring concrete and masonry
- **Manufacturer/supplier identification**
  Company: Walttools
  1254 Leah Rd
  Morris, IL 60450 USA

  Tel. No.: 815-941-4215
- **E-mail:** cs@walttools.com
- **Emergency Tel. No.:** 800-535-5053

2. HAZARDS IDENTIFICATION

- **Emergency Overview**

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
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 + P351 +

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	----------	----------	----------

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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 water spray to cool containers.

6. ACCIDENTAL RELEASE OF MATERIALS

- **Personal precautions**
  Use protective equipment and emergency procedures. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Accumulating vapors may form explosive concentrations. Vapors can accumulate in low areas.

- **Environmental Precautions**
  Prevent leakage of product into water-courses or drainage system by diking with sand or other absorbent materials. Contact authorities, and waste-water treatment plant as appropriate if significant contamination occurs.

- **Methods and material for containment and cleaning up**
  Eliminate all ignition sources. Stop the source of leak or release. Contain spillage with inert absorbent materials. Use only non-conducting, non-sparking tools to cleanup. Kept a fire extinguisher nearby in the event of an accidental ignition. Clean up spill as soon as possible. Small spills can be swept-up with a wet brush or vacuumed with an electrically protected vacuum. Place spilled material in suitable container for disposal in accordance with local and national regulations. Wash contaminated surfaces with water, and collect washings for safe disposal. Follow prescribed procedures for responding to large spills and reporting to appropriate 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 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

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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/m^3 (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.

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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 @ 20ºC
Freeze/ Melting point (˚C)	<5 ºC
Flash point (˚C)	70 ºC
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

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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

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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	Cause eye irritation.

Signs and Symptoms of Exposure

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

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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

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13. DISPOSAL CONSIDERATIONS

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

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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

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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		107-98-2	1994-04-01
Pennsylvania Right To Know Components			
Monopropylene glycol methyl ether		107-98-2	1994-04-01
2-(2-Butoxyethoxy) ethanol		112-34-5	1995-01-01
New Jersey Right To Know Components			
Monopropylene glycol methyl ether		107-98-2	1994-04-01
2-(2-Butoxyethoxy) ethanol		112-34-5	1995-01-01

California Proposition 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

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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, is made by Walttools. User assumes all responsibility.