



SAFETY DATA SHEET

Issuing Date 15-Aug-2014

Revision Date 09-Jun-2015

Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS product identifier

Product Name BRITE-MARK PAINT MARKER

Other means of identification

Part Number Black (40003, 41003, 84002, 84202), Blue (40001, 41001, 84001, 84201), Brown (40007, 84010), Gold (84051), Green (40004, 41004, 84007, 84207), Light Blue (84008), Orange (40010, 41010, 84005, 84205), Pink (84009), Red (40002, 41002, 84006, 84206), Silver (40016, 84050), Violet (84019), White (40008, 41008, 84003, 84203), Yellow (40006, 41006, 84004, 84204)

Formula Code A720M (Black), A788M (Blue), A786M (Brown), A946M (Gold), A789M (Green), A783M (Light Blue), A790M (Orange), A787M (Pink), A791M (Red), A945M (Silver), A785M (Violet), A718M (White), A719M (Yellow)

UN-Number UN1263

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Solvent based marker

Uses advised against No information available

Supplier's details

Supplier Address
ITW PRO BRANDS
805 E. Old 56 Highway
Olathe, KS 66061
TEL: 1-800-443-9536

Emergency telephone number

Emergency Telephone Number 800-535-5053 Infotrac

2. HAZARDS IDENTIFICATION


Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

| | |
|-----------------------------------|------------|
| Skin Corrosion/Irritation | Category 2 |
| Serious Eye Damage/Eye Irritation | Category 2 |

| | |
|---|-------------|
| Germ Cell Mutagenicity | Category 1B |
| Carcinogenicity | Category 1B |
| Specific Target Organ Systemic Toxicity (Single Exposure) | Category 3 |
| Flammable liquids | Category 3 |

GHS Label elements, including precautionary statements**Emergency Overview**

| | |
|---|-------------------------------|
| Signal Word Hazard Statements | Danger |
| <ul style="list-style-type: none"> • Causes skin irritation • Causes serious eye irritation • May cause genetic defects • May cause cancer • Very toxic to aquatic life with long lasting effects • May cause respiratory irritation. May cause drowsiness or dizziness • May cause drowsiness or dizziness • Flammable liquid and vapor. | |
|  | |
| Appearance Opaque, Varies | Physical State Liquid. |
| | Odor Sweet |

Precautionary Statements**Prevention**

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat/sparks/open flames/hot surfaces - No smoking.
- Keep container tightly closed.
- Keep cool.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical/ventilating/lighting/equipment.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Wash face, hands and any exposed skin thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Use personal protective equipment as required.

General Advice

- If exposed or concerned: Get medical attention/advice
- Specific treatment (see supplemental first aid instructions on this label)

Eyes

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention.

Skin

- Wash contaminated clothing before reuse.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- If skin irritation occurs: Get medical advice/attention.

Inhalation

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

Ingestion

- None

Fire

- In case of fire: Use CO₂, dry chemical, or foam for extinction.

Spills and Leaks

- Collect spillage.

Storage

- Store locked up.
- Store in a well-ventilated place. Keep container tightly closed.

Disposal

- Dispose of contents/container to an approved waste disposal plant.

Hazard Not Otherwise Classified (HNOC)

Not applicable

Other information

Very toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No | Weight % | Trade secret |
|------------------------|------------|----------|--------------|
| n-Butyl acetate | 123-86-4 | 60-100 | * |
| Titanium dioxide | 13463-67-7 | 40-70 | * |
| Copper | 7440-50-8 | 10-30 | * |
| Aluminum | 7429-90-5 | 10-30 | * |
| Carbon black | 1333-86-4 | 7-13 | * |
| Isopropyl alcohol | 67-63-0 | 3-7 | * |
| Silicon dioxide | 7631-86-9 | 3-7 | * |
| Aluminum hydroxide | 21645-51-2 | 3-7 | * |
| 1,2,4 Trimethylbenzene | 95-63-6 | 1-5 | * |
| Zirconium oxide | 1314-23-4 | 0.1-1 | * |
| Quartz | 14808-60-7 | < 0.1 | * |

**The exact percentage (concentration) of composition has been withheld as a trade secret.*

4. FIRST AID MEASURES

Description of necessary first-aid measures**General Advice**

Immediate medical attention is required. Show this safety data sheet to the doctor in attendance. If symptoms persist, call a physician.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin Contact

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

Inhalation

Move to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.

Ingestion

Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink plenty of water. Consult a physician if necessary

Protection of First-aiders Use personal protective equipment. Remove all sources of ignition.

Most important symptoms/effects, acute and delayed

Most Important Symptoms/Effects No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable Extinguishing Media Water.

Specific Hazards Arising from the Chemical

Flammable. Keep product and empty container away from heat and sources of ignition. Risk of ignition

Explosion Data

Sensitivity to Mechanical Impact

None.

Sensitivity to Static Discharge

Yes.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Evacuate personnel to safe areas. Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Stop leak if you can do it without risk.

Environmental Precautions

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up

Small spillage: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Large spillage: Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling

Avoid contact with skin, eyes and clothing. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges. Use only in an area containing flame proof equipment. Ensure adequate ventilation. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

Conditions for safe storage, including any incompatibilities

Storage Keep away from open flames, hot surfaces and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children. Keep container closed when not in use. Keep away from incompatible materials.

Incompatible Products Strong oxidizing agents. Strong reducing agents. Strong alkalis. Strong acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-----------------------------------|--|--|---|
| n-Butyl acetate 123-86-4 | STEL: 200 ppm TWA: 150 ppm | TWA: 150 ppm TWA: 710 mg/m ³ (vacated) TWA: 150 ppm (vacated) TWA: 710 mg/m ³ (vacated) STEL: 200 ppm (vacated) STEL: 950 mg/m ³ | IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m ³ STEL: 200 ppm STEL: 950 mg/m ³ |
| Titanium dioxide 13463-67-7 | TWA: 10 mg/m ³ | TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust | IDLH: 5000 mg/m ³ |
| Copper 7440-50-8 | TWA: 0.2 mg/m ³ fume | TWA: 0.1 mg/m ³ fume TWA: 1 mg/m ³ dust and mist (vacated) TWA: 0.1 mg/m ³ Cu dust, fume, mist | IDLH: 100 mg/m ³ dust, fume and mist TWA: 1 mg/m ³ dust and mist TWA: 0.1 mg/m ³ fume |
| Aluminum 7429-90-5 | TWA: 1 mg/m ³ respirable fraction | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction | TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust |
| Carbon black 1333-86-4 | TWA: 3.5 mg/m ³ | TWA: 3.5 mg/m ³ (vacated) TWA: 3.5 mg/m ³ | IDLH: 1750 mg/m ³ TWA: 3.5 mg/m ³ TWA: 0.1 mg/m ³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH |
| Isopropyl alcohol 67-63-0 | STEL: 400 ppm TWA: 200 ppm | TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³ | IDLH: 2000 ppm 10% LEL TWA: 980 mg/m ³ TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m ³ |
| Silicon dioxide 7631-86-9 | 10 mg/m ³ | 20 mppcf TWA; ((80)/(/% SiO ₂)) mg/m ³ | IDLH: 3000 mg/m ³ TWA: 6 mg/m ³ |
| Aluminum hydroxide 21645-51-2 | TWA: 1 mg/m ³ respirable fraction | - | - |
| 1,2,4 Trimethylbenzene 95-63-6 | TWA: 25 ppm | (vacated) TWA: 25 ppm (vacated) TWA: 125 mg/m ³ | TWA: 25 ppm TWA: 125 mg/m ³ |
| Zirconium oxide 1314-23-4 | STEL: 10 mg/m ³ Zr TWA: 5 mg/m ³ Zr | TWA: 5 mg/m ³ Zr (vacated) TWA: 5 mg/m ³ Zr (vacated) STEL: 10 mg/m ³ Zr | IDLH: 25 mg/m ³ Zr TWA: 5 mg/m ³ except Zirconium tetrachloride Zr STEL: 10 mg/m ³ Zr |
| Quartz 14808-60-7 | TWA: 0.025 mg/m ³ respirable fraction | 30/(/%SiO ₂ +2) mg/m ³ TWA, Total Dust; 250/(/%SiO ₂ +5) mppcf TWA, respirable fraction; 10/(/%SiO ₂ +2) mg/m ³ TWA, respirable TWA: 0.1 mg/m ³ (vacated) | IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust |
| Stoddard solvent 8052-41-3 | TWA: 100 ppm | TWA: 500 ppm TWA: 2900 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 525 mg/m ³ | IDLH: 20000 mg/m ³ Ceiling: 1800 mg/m ³ 15 min TWA: 350 mg/m ³ |

Immediately Dangerous to Life or Health. ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH:

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Measures Showers
 Eyewash stations
 Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side-shields. If splashes are likely to occur, wear: Chemical splash goggles.

Skin and Body Protection Chemical resistant gloves. Risk of contact: Boots. Apron.

Respiratory Protection No special protective equipment required. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene Measures When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

| | | | |
|-----------------------|---------|-----------------------|---------------------------|
| Physical State | Liquid. | Appearance | Opaque, Varies. |
| Odor | Sweet. | Odor Threshold | No information available. |

| <u>Property</u> | <u>Values</u> | <u>Remarks/ - Method</u> |
|--|-----------------------|--------------------------|
| pH | No data available | None known |
| Melting Point/Range | No data available | None known |
| Boiling Point/Boiling Range | 122.2 °C / 252 °F | None known |
| Flash Point | 27.2 °C / 81 °F | Tag closed cup |
| Evaporation rate | < 1 (BuAc = 1) | None known |
| Flammability (solid, gas) | No data available | None known |
| Flammability Limits in Air | | |
| upper flammability limit | No data available 7.6 | |
| lower flammability limit | No data available 1.7 | |
| Vapor Pressure | No data available | None known |
| Vapor Density | No data available | None known |
| Specific Gravity | No data available | None known |
| Water Solubility | Slightly soluble | None known |
| Solubility in other solvents | No data available | None known |
| Partition coefficient: n-octanol/water | No data available | None known |
| Autoignition Temperature | No data available | None known |
| Decomposition Temperature | No data available | None known |
| Viscosity | No data available | None known |

Flammable Properties Flammable liquid. Flammable; may be ignited by heat, sparks or flames.

Explosive Properties No data available

Oxidizing Properties No data available

Other information

VOC Content (%)

A720M Black: 66.61%
 A786M Brown: 67.78%
 A789M Green: 69.77%
 A787M Pink: 48.62%
 A945M Silver: 71.68%
 A718M White: 47.85%
 A788M Blue: 68.83%
 A946M Gold: 59.75%
 A783M Light Blue: 50.34%
 A790M Orange: 65.48%
 A791M Red: 66.17%
 A785M Violet: 76.57%
 A719M Yellow: 68.20%

| | |
|------------------|--|
| VOC (g/l) | A720M Black: 672 g/L A786M Brown: 712 g/L A789M Green: 725 g/L A787M Pink: 637 g/L A945M Silver: 714 g/L A718M White: 627 g/L A788M Blue: 694 g/L A946M Gold: 689 g/L A783M Light Blue: 588 g/L A790M Orange: 647 g/L A791M Red: 671 g/L A791M Red: 671 g/L A785M Violet: 771 g/L A719M Yellow: 716 g/L |
|------------------|--|

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to avoid

Heat, flames and sparks. Incompatible products.

Incompatible materials

Strong oxidizing agents. Strong reducing agents. Strong alkalis. Strong acids.

Hazardous decomposition products

Carbon oxides. Smoke Soot.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation

May cause irritation of respiratory tract. May cause drowsiness and dizziness.

Eye Contact

Irritating to eyes. Causes serious eye irritation.

Skin Contact

Irritating to skin. Causes skin irritation.

Ingestion

Ingestion may cause nausea and vomiting.

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|-----------------------|--------------------------|------------------------|
| Propylene glycol monomethyl ether acetate | = 8532 mg/kg (Rat) | > 5000 mg/kg (Rabbit) | 5321 mg/m ³ |
| n-Butyl acetate | = 10768 mg/kg (Rat) | > 17600 mg/kg (Rabbit) | = 391 ppm (Rat) 4 h |
| Titanium dioxide | > 10000 mg/kg (Rat) | - | - |
| Carbon black | > 15400 mg/kg (Rat) | > 3 g/kg (Rabbit) | - |

| | | | |
|-----------------------------------|----------------------|---|-----------------------------------|
| Isopropyl alcohol | = 4396 mg/kg (Rat) | 12800 mg/kg (Rat) 12870 mg/kg (Rabbit) | 72.6 mg/L (Rat) 4 h |
| Silicon dioxide | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | >2.2 mg/L (Rat) 4 h |
| Aluminum hydroxide | > 5000 mg/kg (Rat) | - | - |
| Petroleum naphtha, light aromatic | = 8400 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | = 3400 ppm (Rat) 4 h |
| 1,2,4 Trimethylbenzene | = 3280 mg/kg (Rat) | > 3160 mg/kg (Rabbit) | = 18 g/m ³ (Rat) 4 h |
| Silica | = 3160 mg/kg (Rat) | - | - |
| Quartz | - | - | - |

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization No information available.
Mutagenic Effects May cause genetic defects.
Carcinogenicity This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|-------------------|-------|----------|-------|------|
| Titanium dioxide | | Group 2B | - | - |
| Carbon black | A3 | Group 2B | - | X |
| Isopropyl alcohol | | Group 3 | | |
| Silicon dioxide | | Group 3 | | |
| Quartz | A2 | Group 1 | Known | X |

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to its Carcinogenicity to Humans

OSHA: (Occupational Safety & Health Administration)

X - Present

Reproductive Toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Chronic Toxicity Avoid repeated exposure.
Target Organ Effects Liver. Kidney. Respiratory system. Eyes. Skin. Central nervous system (CNS). Blood. Lungs. Lymphatic system.
Aspiration Hazard No information available.

Numerical measures of toxicity - Product

The following values are calculated based on chapter 3.1 of the GHS document:

LD50 Oral 2419 mg/kg
LD50 Dermal 5753 mg/kg mg/L
dust/mist 29.7 mg/L
Vapor 113 mg/L

12. ECOLOGICAL INFORMATION

This product contains a chemical which is listed as a severe marine pollutant according to DOT.

Ecotoxicity

Very toxic to aquatic life with long lasting effects.

| Chemical Name | Toxicity to Algae | Toxicity to Fish | Toxicity to Microorganisms | Daphnia Magna (Water Flea) |
|---------------|-------------------|------------------|----------------------------|----------------------------|
| | | | | |

| | | | | |
|---|--|--|--|--|
| Propylene glycol monomethyl ether acetate 108-65-6 | | LC50 96 h: = 161 mg/L static (Pimephales promelas) | | EC50 48 h: > 500 mg/L (Daphnia magna) |
| n-Butyl acetate 123-86-4 | EC50 72 h: = 674.7 mg/L (Desmodesmus subspicatus) | LC50 96 h: 17 - 19 mg/L flow-through (Pimephales promelas) LC50 96 h: = 100 mg/L static (Lepomis macrochirus) LC50 96 h: = 62 mg/L static (Leuciscus idus) | EC50 = 70.0 mg/L 5 min EC50 = 82.2 mg/L 15 min EC50 = 959 mg/L 18 h EC50 = 98.9 mg/L 30 min | EC50 24 h: = 72.8 mg/L (Daphnia magna) |
| Copper 7440-50-8 | EC50 96 h: 0.031 - 0.054 mg/L static (Pseudokirchneriella subcapitata) EC50 72 h: 0.0426 - 0.0535 mg/L static (Pseudokirchneriella subcapitata) | LC50 96 h: 0.0068 - 0.0156 mg/L (Pimephales promelas) LC50 96 h: < 0.3 mg/L static (Pimephales promelas) LC50 96 h: = 0.052 mg/L flow-through (Oncorhynchus mykiss) LC50 96 h: = 0.112 mg/L flow-through (Poecilia reticulata) LC50 96 h: = 0.2 mg/L flow-through (Pimephales promelas) LC50 96 h: = 0.3 mg/L semi-static (Cyprinus carpio) LC50 96 h: = 0.8 mg/L static (Cyprinus carpio) LC50 96 h: = 1.25 mg/L static (Lepomis macrochirus) | - | EC50 48 h: = 0.03 mg/L Static (Daphnia magna) |
| Carbon black 1333-86-4 | | | | EC50 24 h: > 5600 mg/L (Daphnia magna) |
| Isopropyl alcohol 67-63-0 | EC50 96 h: > 1000 mg/L (Desmodesmus subspicatus) EC50 72 h: > 1000 mg/L (Desmodesmus subspicatus) | LC50 96 h: = 11130 mg/L static (Pimephales promelas) LC50 96 h: = 9640 mg/L flow-through (Pimephales promelas) LC50 96 h: > 1400000 µg/L (Lepomis macrochirus) | | EC50 48 h: = 13299 mg/L (Daphnia magna) |
| Silicon dioxide 7631-86-9 | EC50 72 h: = 440 mg/L (Pseudokirchneriella subcapitata) | LC50 96 h: = 5000 mg/L static (Brachydanio rerio) | | EC50 48 h: = 7600 mg/L (Ceriodaphnia dubia) |
| Zinc 7440-66-6 | EC50 72 h: 0.09 - 0.125 mg/L static (Pseudokirchneriella subcapitata) EC50 96 h: 0.11 - 0.271 mg/L static (Pseudokirchneriella subcapitata) | LC50 96 h: 0.211-0.269 mg/L semi-static (Pimephales promelas) LC50 96 h: 2.16-3.05 mg/L flow-through (Pimephales promelas) LC50 96 h: = 0.24 mg/L flow-through (Oncorhynchus mykiss) LC50 96 h: = 0.41 mg/L static (Oncorhynchus mykiss) LC50 96 h: = 0.45 mg/L semi-static (Cyprinus carpio) LC50 96 h: = 0.59 mg/L semi-static (Oncorhynchus mykiss) LC50 96 h: = 2.66 mg/L static (Pimephales promelas) LC50 96 h: = 3.5 mg/L static (Lepomis macrochirus) LC50 96 h: = 30 mg/L (Cyprinus carpio) LC50 96 h: = 7.8 mg/L static (Cyprinus carpio) | | EC50 48 h: 0.139 - 0.908 mg/L Static (Daphnia magna) |
| Petroleum naphtha, light aromatic 64742-95-6 | | LC50 96 h: = 9.22 mg/L (Oncorhynchus mykiss) | | EC50 48 h: = 6.14 mg/L (Daphnia magna) |

| | | | | |
|-----------------------------------|--|--|--|---|
| 1,2,4 Trimethylbenzene 95-63-6 | | LC50 96 h: 7.19 - 8.28 mg/L flow-through (Pimephales promelas) | | EC50 48 h: = 6.14 mg/L (Daphnia magna) |
|-----------------------------------|--|--|--|---|

Persistence and Degradability No information available.

Bioaccumulation

| Chemical Name | Log Pow |
|------------------------|---------|
| n-Butyl acetate | 1.81 |
| Isopropyl alcohol | 0.05 |
| 1,2,4 Trimethylbenzene | 3.63 |

Other Adverse Effects

No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods Dispose of in accordance with federal, state, and local regulations

Contaminated Packaging Do not re-use empty containers.

US EPA Waste Number D001
U239

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

| Chemical Name | California Hazardous Waste |
|-------------------|----------------------------|
| n-Butyl acetate | Toxic |
| Copper | Toxic |
| Aluminum | Ignitable powder |
| Isopropyl alcohol | Toxic Ignitable |

14. TRANSPORT INFORMATION

DOT

UN-Number UN1263
Proper shipping name Paint
Hazard Class 3
Packing Group III
Marine Pollutant This product contains a chemical which is listed as a severe marine pollutant according to DOT.
Description UN1263, Paint, 3, III, Marine Pollutant, Limited Quantity
Emergency Response Guide Number 128

TDG

UN-Number UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III
Description UN1263, Paint, 3, III, Marine Pollutant, Limited Quantity

MEX

UN-Number UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III
Description UN1263, Paint, 3, III, Limited Quantity

ICAO

UN-Number UN1263
Proper shipping name Paint

Hazard Class 3
Packing Group III
Description UN1263, Paint, 3, III

IATA

UN-Number UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III
ERG Code 3L
Description UN1263, Paint, 3, III

IMDG/IMO

UN-Number UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III
EmS No. F-E, S-E
Marine Pollutant Product is a marine pollutant according to the criteria set by IMDG/IMO
Description UN1263, Paint, 3, III, (27.2°C c.c.), Marine Pollutant, Limited Quantity

RID

UN-Number UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III
Classification Code F1
Description UN1263, Paint, 3, III, Limited Quantity

ADR

UN-Number UN1263
Proper Shipping Name Paint
Hazard Class 3
Packing Group III
Classification Code F1
Tunnel Restriction Code (D/E)
Description UN1263, Paint, 3, III, (D/E), Limited Quantity

ADN

Proper Shipping Name Paint
Hazard Class 3
Packing Group III
Classification Code F1
Special Provisions 163, 640E, 650
Description UN1263, Paint, 3, III, Limited Quantity
Limited Quantity 5 L
Ventilation VE01

15. REGULATORY INFORMATION

International Inventories

TSCA Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

| Chemical Name | CAS-No | Weight % | SARA 313 - Threshold Values % |
|---------------|-----------|----------|-------------------------------|
| Copper | 7440-50-8 | 10-30 | 1.0 |
| Aluminum | 7429-90-5 | 10-30 | 1.0 |

| | | | |
|------------------------|-----------|------|-----|
| Zinc | 7440-66-6 | 3 -7 | 1.0 |
| 1,2,4 Trimethylbenzene | 95-63-6 | 1-5 | 1.0 |

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | Yes |
| Fire Hazard | Yes |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard | No |

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 |
|-----------------|-----------------------------|------------------------|---------------------------|----------------------------|
| n-Butyl acetate | 5000 lb | | | X |
| Copper | | X | X | |

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

| Chemical Name | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ |
|-----------------|--------------------------|------------------------------------|--|
| n-Butyl acetate | 5000 lb | | RQ 5000 lb final RQ RQ 2270 kg final RQ |
| Copper | 5000 lb | | RQ 5000 lb final RQ RQ 2270 kg final RQ |

U.S. State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:

| Chemical Name | CAS-No | California Prop. 65 |
|------------------|------------|---------------------|
| Titanium dioxide | 13463-67-7 | Carcinogen |
| Carbon black | 1333-86-4 | Carcinogen |
| Quartz | 14808-60-7 | Carcinogen |

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania | Illinois | Rhode Island |
|------------------------|------------|---------------|--------------|----------|--------------|
| n-Butyl acetate | X | X | X | | X |
| Titanium dioxide | | X | | | X |
| Copper | X | X | X | X | X |
| Aluminum | X | X | X | | X |
| Carbon black | X | X | X | X | X |
| Isopropyl alcohol | X | X | X | | X |
| Zinc | X | X | X | | X |
| 1,2,4 Trimethylbenzene | X | X | X | X | X |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

| | | | | |
|-------------|------------------|----------------|-------------------|---------------------------------|
| NFPA | Health Hazard 2 | Flammability 3 | Instability 0 | Physical and Chemical Hazards - |
| HMIS | Health Hazard 2* | Flammability 3 | Physical Hazard 0 | Personal Protection X |

*Indicates a chronic health hazard.

| | |
|----------------------|--|
| Prepared By | Product Stewardship 23 British American Blvd. Latham, NY 12110 1-800-572-6501 |
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| Revision Date | 09-Jun-2015 |
| Revision Note | Change to composition. |

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet