

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name IdeaPaint CLEAN
Version # 01
Revision date 05-21-2014
CAS # Mixture
Product code CLEAN
Product use Whiteboard cleaner.
Manufacturer/Supplier IdeaPaint
40 Broad Street, Boston, MA 02109
Telephone number 617.714.1050
Emergency +1.866.519.4752 (US, Canada, Mexico)
+1-760-476-3962 (US, Canada, Mexico)
Access Code: 333641

2. Hazards Identification

Physical state Liquid.
Appearance Transparent liquid
Emergency overview CAUTION!

Prolonged or repeated skin contact may cause drying, cracking, or irritation.

OSHA regulatory status This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

Potential health effects

Routes of exposure

None anticipated, when used as directed.

Eyes

Direct contact with eyes may cause temporary irritation.

Skin

Prolonged or repeated contact may cause itching, redness, and rash in some individuals.

Inhalation

Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Target organs

None known.

Chronic effects

Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Signs and symptoms

May cause skin irritation.

Potential environmental effects

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

3. Composition / Information on Ingredients

| Components | CAS # | Percent |
|-------------------------------------|------------|---------|
| Dipropylene glycol monomethyl ether | 34590-94-8 | 1 - 10 |

Composition comments

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First Aid Measures

First aid procedures

Eye contact

Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention promptly if symptoms occur after washing.

Skin contact

Wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

Inhalation

If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Ingestion

First aid is normally not required. However, if greater than 1/2 liter (pint) ingested, seek medical attention.

5. Fire Fighting Measures

Flammable properties

The product is not flammable.

Extinguishing media

Suitable extinguishing media Carbon dioxide, regular foam, dry chemical, water spray, or water fog.

Unsuitable extinguishing media None known.

Protection of firefighters

Specific hazards arising from the chemical Fire or high temperatures create: Carbon oxides.

Protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Specific methods

Move container from fire area if it can be done without risk. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

6. Accidental Release Measures

Personal precautions

Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Avoid inhalation of vapors and contact with skin and eyes. Wear protective clothing as described in Section 8 of this MSDS.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

Methods for cleaning up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

Other information

Clean up in accordance with all applicable regulations.

7. Handling and Storage

Handling

Use Personal Protective Equipment recommended in section 8 of the MSDS. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Avoid inhalation of vapors and contact with skin, eyes and clothing. Avoid release to the environment. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not reuse this container.

Storage

Store in accordance with local, regional, national, and international regulations. Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from direct sunlight. Store away from incompatible materials. Keep away from food, drink and animal feeding stuffs. Do not store in unlabelled containers. Keep container tightly closed and in a well-ventilated place. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Use appropriate container to avoid environmental contamination. Store at temperature below 49°C.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

| Components | Type | Value |
|--|------|---------|
| Dipropylene glycol monomethyl ether (34590-94-8) | STEL | 150 ppm |
| | TWA | 100 ppm |

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value |
|------------|------|-------|
|------------|------|-------|

Dipropylene glycol PEL monomethyl ether
(34590-94-8)

600 mg/m³

100 ppm

| | |
|---------------------------------------|--|
| Engineering controls | Ensure adequate ventilation, especially in confined areas. Provide easy access to water supply and eye wash facilities. |
| Personal protective equipment | |
| Eye / face protection | Chemical goggles are recommended. |
| Skin protection | Wear protective gloves. Butyl rubber gloves are recommended. Wear suitable protective clothing. |
| Respiratory protection | When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. |
| General hygiene considerations | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned. Do not eat, drink or smoke when using the product. Handle in accordance with good industrial hygiene and safety practice. |

9. Physical & Chemical Properties

| | |
|---|---------------------------|
| Appearance | Transparent liquid |
| Color | Clear. |
| Odor | Not assigned. |
| Odor threshold | Not available. |
| Physical state | Liquid. |
| Form | Liquid. |
| pH | Not available. |
| Melting point | Not available. |
| Freezing point | Not available. |
| Boiling point | 212 °F (100 °C) |
| Flash point | > 212 °F (> 100 °C) |
| Evaporation rate | < 1 (N-butyl acetate = 1) |
| Flammability limits in air, upper, % by volume | Not available. |
| Flammability limits in air, lower, % by volume | Not available. |
| Vapor pressure | Not available. |
| Vapor density | Not available. |
| Specific gravity | 1.01 (75 °F) |
| Solubility (water) | Completely Soluble |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |

10. Chemical Stability & Reactivity Information

| | |
|---|---|
| Chemical stability | Stable at normal conditions. |
| Conditions to avoid | Keep away from heat, sparks, and flame. |
| Incompatible materials | Oxidizing agents. |
| Hazardous decomposition products | None expected under normal conditions of use. |
| Possibility of hazardous reactions | Hazardous polymerization does not occur. |

11. Toxicological Information

| | |
|----------------------|----------------------------|
| Acute effects | May cause skin irritation. |
|----------------------|----------------------------|

Local effects Direct contact with skin may cause irritation.

US ACGIH Threshold Limit Values: Skin designation

Dipropylene glycol monomethyl ether (CAS 34590-94-8) Can be absorbed through the skin.

Sensitization No sensitizing effects known

Chronic effects Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Carcinogenicity No data available.

Mutagenicity No data available.

Symptoms and target organs May cause skin irritation.

12. Ecological Information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability No data is available on the degradability of this product. **degradability**

Bioaccumulation / Accumulation Not available.

Mobility in environmental media Not available.

Partition coefficient (n-octanol/water) Not available.

13. Disposal Considerations

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

Section 302 extremely hazardous substance (40 CFR 355, Appendix A)

No

Section 311/312 (40 CFR 370)

No

Inventory status

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |

Waste from residues / unused products applicable regulations. Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all applicable regulations.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification(40 CFR 707, Subpt. D)

Not regulated.

CERCLA (Superfund) reportable quantity (lbs) (40 CFR 302.4)

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|--|-------------------------------|
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | Yes |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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

US - California Hazardous Substances (Director's): Listed substance

Dipropylene glycol monomethyl ether (CAS 34590-94-8) Listed.

US - Massachusetts RTK - Substance: Listed substance

Dipropylene glycol monomethyl ether (CAS 34590-94-8) Listed.

US - New Jersey RTK - Substances: Listed substance

Dipropylene glycol monomethyl ether (CAS 34590-94-8) Listed.

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Dipropylene glycol monomethyl ether (CAS 34590-94-8) Listed.

16. Other Information**Further information**

HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings

Health: 1

Flammability: 1

Physical hazard: 0

NFPA ratings

Health: 1

Flammability: 1

Instability: 0

Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

Issue date

04-24-2012