

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name Ideapaint Primer White
Version # 01
Issue date 12-04-2012
Revision date 05-21-2014
Supersedes date -
CAS # Mixture
Product use Primer.
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 White liquid.
Emergency overview CAUTION

May cause eye irritation.
OSHA regulatory status This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).
Potential health effects
Routes of exposure Eye contact.
Eyes May cause eye irritation.
Skin Prolonged or repeated contact may dry skin and cause irritation.
Inhalation Prolonged inhalation may be harmful.
Ingestion May cause discomfort if swallowed.
Target organs Eyes.
Chronic effects No other specific acute or chronic health impact noted.
Signs and symptoms Causes eye irritation. Prolonged skin contact may cause redness, irritation and dry skin.
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
Calcium carbonate	1317-65-3	< 14.68
Titanium dioxide	13463-67-7	< 5.75
Kaolin	1332-58-7	< 3.82
Talc	14807-96-6	< 3.17
Propylene glycol	57-55-6	< 1.10
Quartz	14808-60-7	< 0.015
1-Methyl-2-pyrrolidinone	872-50-4	< 0.002

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	Immediately flush eyes with plenty of water for at least 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention if irritation develops or persists.
Skin contact	Remove contaminated clothes and rinse skin thoroughly with water for at least 15 minutes. Get medical attention if irritation develops or persists.
Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
Ingestion	Rinse mouth thoroughly. Get medical attention if any discomfort continues.
Notes to physician	Treat symptomatically.
General advice	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

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.

Fire fighting equipment/instructions

Not available.

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. Absorb spill with vermiculite or other inert material. Cover with plastic sheet to prevent spreading. 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. This material and its container must be disposed of as hazardous waste.

Other information

Clean up in accordance with all applicable regulations.

7. Handling and Storage

Handling

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. Use Personal Protective Equipment recommended in section 8 of the MSDS.

Storage

Store in accordance with local, regional, national, and international regulations. Store away from incompatible materials. Keep container tightly closed and sealed until ready for use.

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Kaolin (CAS 1332-58-7)	TWA	2 mg/m3	Respirable fraction.
Talc (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction.
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	

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

Components	Type	Value	Form
Calcium carbonate (CAS 1317-65-3)	PEL	5 mg/m3	Respirable fraction.
Kaolin (CAS 1332-58-7)	PEL	15 mg/m3	Total dust.
		5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Titanium dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
Talc (CAS 14807-96-6)	TWA	0.3 mg/m3	Total dust.
		0.1 mg/m3	Respirable.
		20 mppcf	
		2.4 mppcf	Respirable.

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. Neoprene, nitrile or rubber gloves are recommended. Wear suitable protective clothing.

Respiratory protection No respirator is required under normal conditions of use. Under conditions of frequent or heavy exposure, protection may be needed.

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	White liquid.
Physical state	Liquid.
Form	Liquid.
Color	White.
Odor	Sweet odor.
Odor threshold	Not available.
pH	Not available.
Vapor pressure	Not available.
Vapor density	3.8 (Air=1)
Boiling point	192 - 396 °F (88.9 - 202.2 °C)
Melting point/Freezing point	Not available.
Solubility (water)	Not available.
Specific gravity	10.5 lb/gal
Flash point	Not available.
Flammability limits in air, upper, % by volume	Not available.

Flammability limits in air, lower, % by volume	Not available.
Auto-ignition temperature	Not available.
VOC < 100 g/l < 0.83 lb/gal (coating)	Evaporation rate Slower than ether.
Percent volatile	71.2 % v/v
Partition coefficient (n-octanol/water)	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	Strong oxidizing agents.
Hazardous decomposition products	None expected under normal conditions of use.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Toxicological data

Components	Species	Test Results
Kaolin (CAS 1332-58-7)		
Acute		
<i>Dermal</i>		
LD50	Rat	> 5000 mg/kg
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Sensitization	Not classified.	
Acute effects	May cause irritation to eye.	
Local effects	May cause discomfort if swallowed. May cause eye irritation.	
Chronic effects	Not classified.	
Carcinogenicity ACGIH Carcinogens	Due to the form of the product, exposure to the potentially carcinogenic components is not expected.	
Kaolin (CAS 1332-58-7)	A4 Not classifiable as a human carcinogen.	
Talc (CAS 14807-96-6)	A4 Not classifiable as a human carcinogen.	
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IARC Monographs. Overall Evaluation of Carcinogenicity		
Titanium dioxide (CAS 13463-67-7)	A4 Not classifiable as a human carcinogen.	
Titanium dioxide (CAS 13463-67-7)	2B Possibly carcinogenic to humans.	
Mutagenicity	No data available.	

Titanium dioxide (CAS 13463-67-7)

Aquatic

Crustacea	EC50	Water flea (<i>Daphnia magna</i>)	> 1000 mg/l, 48 hours
Fish	LC50	Mummichog (<i>Fundulus heteroclitus</i>)	> 1000 mg/l, 96 hours

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.

Reproductive effects	Due to the form of the product, exposure to the potentially reprotoxic components is not expected.
Symptoms and target organs	Eye irritation. Prolonged skin contact may cause redness, irritation and dry skin.

12. Ecological Information

Ecotoxicological data

Components	Species	Test Results
Bioaccumulation / Accumulation	Not available.	
Partition coefficient	Not available.	
Mobility in environmental media	Not available.	

13. Disposal Considerations

Waste from residues / unused products	Avoid discharge into water courses or onto the ground. 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 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. CERCLA/SARA Hazardous Substances - Not applicable.
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TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
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Section 302 extremely hazardous substance (40 CFR 355, Appendix A)	No
Section 311/312 (40 CFR 370)	Yes

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)	No

Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
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
Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

State regulations WARNING: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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

Talc (CAS 14807-96-6) Listed.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Quartz (CAS 14808-60-7) Listed: October 1, 1988 Carcinogenic.

Titanium dioxide (CAS 13463-67-7) Listed: September 2, 2011 Carcinogenic.

US - California Proposition 65 - CRT: Listed date/Developmental toxin

1-Methyl-2-pyrrolidinone (CAS 872-50-4) Listed: June 15, 2001 Developmental toxin.

US - New Jersey RTK - Substances: Listed substance

Calcium carbonate (CAS 1317-65-3) Listed. Kaolin (CAS

1332-58-7) Listed. Talc (CAS 14807-96-6) Listed.

Titanium dioxide (CAS 13463-67-7) Listed.

US. Massachusetts RTK - Substance List

Calcium carbonate (CAS 1317-65-3) Listed. Kaolin (CAS

1332-58-7) Listed. Talc (CAS 14807-96-6) Listed.

Titanium dioxide (CAS 13463-67-7) Listed.

US. New Jersey Worker and Community Right-to-Know Act

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

Calcium carbonate (CAS 1317-65-3) Listed.

Kaolin (CAS 1332-58-7) Listed.

Talc (CAS 14807-96-6) Listed.

Titanium dioxide (CAS 13463-67-7) Listed.

16. Other Information

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

HMIS® ratings Health: 1
Flammability: 0
Physical hazard: 0

NFPA ratings Health: 1
Flammability: 0
Instability: 0

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