

SAFETY DATA SHEET

SDS# 1006

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: USP® SA Primer
CAS #: Mixture
Generic Name: Hi-Tack Primer
Chemical Name: N/A
Chemical Family: N/A

Recommended Use: Adhesion promoter.
Recommended Restrictions: No information available.

Supplier Information:

U.S. PLY, INC.
 P.O. Box 163980
 Fort Worth, TX 76161
 (817) 413-0103
 Internet Website: www.usply.com
 Email: technical@usply.com

Toll Manufacturer Location:

RM Lucas Company
 3211 South Wood Street
 Chicago, Illinois 60608
 (773) 523-4300
 www.rmlucas.com

Emergency Telephone Number

Company Phone: (817) 413-0103
 Call Chemtrec Day or Night: 1-800-424-9300

Trade Name: USP® SA Primer, aka (Lucas 8815)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

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

Carcinogenicity	Category 1A
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Label elements

Emergency Overview

Danger

Hazard Statements

May cause cancer.



Appearance

Viscous

Physical State

Liquid

Odor

Low

Precautionary Statements - Prevention

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage

Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations
 See section 13 of this SDS for disposal instructions.

Hazards not otherwise classified (HNOC)

Not applicable

Supplemental Information

Unknown Acute Toxicity: 94.00368% of mixture consist of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance Mixture

This product is a mixture.

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

Common Name Adhesive
Synonyms None
Chemical Nature Aqueous solution

Chemical Name	CAS #	Weight - %	Trade Secret
Water	7732-18-5	60 – 70%	*
Acrylic Co-Polymer	2535-69-2	30 – 40%	*

4. FIRST AID MEASURES**Description of first aid measures**

General Advice Under conditions of normal use, no hazards are anticipated which require special first aid measures.

Eye Contact In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin Contact Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician.

Inhalation Move to fresh air in case of accidental inhalation of vapors. If continued difficulty with breathing is experienced, get medical attention immediately

Ingestion Not an expected route of exposure. If swallowed, do not induce vomiting. Get medical attention immediately..

Self-protection of the first aider First aider: Pay attention to self-protection!

Most important symptoms and effects, both acute and delayed

Symptoms May cause skin irritation. May cause eye irritation.

Indication of any immediate medical attention and special treatment needed

Note to Physicians Treat symptomatically.

5. FIRE FIGHTING MEASURES**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO₂). Sand. Use foam or water FOG as a last resort.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

No information available

Hazardous combustion products Thermal decomposition (burning) may release irritating, corrosive and/or toxic gases, vapors and fumes.

Explosion data

Sensitivity to Mechanical Impact Not sensitive.

Sensitivity to Static Discharge Not sensitive.

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 No action should be taken involving any personal risk or without suitable training. Use personal protective equipment as required.

Other Information Extremely slippery when spilled.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering sewers, drains, or waterways. Local authorities should be advised if significant spillages cannot be contained. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Contain spillage with non-combustible absorbent material, e.g. sand, earth, diatomaceous earth, vermiculite.

Methods for cleaning up Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to local / national regulations (see Section 13).

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a cool, dry, well-ventilated place. Keep away from freezing.

Incompatible materials Strong acids. Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control Parameters**

Exposure Guidelines No ACGIH or OSHA PEL is assigned to this mixture. Exposure limits for the component materials are shown below. This product, as supplied, is not believed to contain any hazardous material that exceeds exposure limits established by OSHA.

Appropriate engineering controls

Engineering Controls None under normal outdoor use conditions.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing that is resistant to chemical penetration.

Respiratory protection No protective equipment is needed under normal use conditions.

General Hygiene Considerations Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

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

Physical State	Liquid	Odor	Low
Appearance	Viscous	Odor threshold	Negligible odor
Color	Clear White		
<u>Property</u>	<u>Values</u>	<u>Remarks + Methods</u>	
pH	Not Applicable		
Melting point/freezing point	None / 0 °C None / 32 °F		Melting Point is not applicable. Freezing points are shown.
Boiling point / boiling range	> 100 °C / 212 °F		
Flash point	> 40.5 °C / 105 °F		Non Flammable
Evaporation rate	The evaporation rate of the water component of this emulsion product is dependent upon: 1) The temperature of the water at the air-water surface; 2) The humidity of the air; 3) The area of the air-water surface; 4) The temperature of the air. No information available.		No data available. Evaporation rate is dependent upon atmospheric conditions.

USP® SA Primer

Flammability (solid, gas)	Non flammable	
Flammability Limit in Air		Non flammable
Upper flammability limit:	Not applicable	
Lower flammability limit:	Not applicable	
Vapor pressure	2.33 (kPa)	@ 20 °C
Vapor density	5.3	Where: Air = 1 at 68 °F (20 °C)
Specific Gravity	1.1	Water = 1 g/ml
Water solubility	Dispersible	
Solubility in other solvents	Soluble in aromatic and aliphatic solvents.	
Partition coefficient	No information available	No data available
Autoignition temperature	330 °C / 626 °F	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	Not an explosive	
Oxidizing properties	None	

Other Information

Softening point	Not applicable
Molecular weight	No information available
VOC Content (%)	Less than 500 g/l
Density	8.5 lb/gal
Bulk density	Not applicable

10. STABILITY AND REACTIVITY**Reactivity**

Not applicable

Chemical Stability

Stable

Possible hazardous reactions

None under normal use

Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

None known for product as a whole.

Incompatible materials

Strong oxidizing agents. Strong acids.

Hazardous decomposition Products

Combustion may produce carbon monoxide, carbon dioxide, and other asphyxiants.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information Toxicological testing has not been conducted for this product overall. Available toxicological data for individual ingredient are summarized below.

Ingestion If swallowed, do not induce vomiting. Get medical attention immediately. However, ingestion is not likely to be a primary route of exposure.

Inhalation Avoid breathing vapors or mists.

Skin contact May cause irritation.

Eye contact Avoid contact with eyes. Contact with eyes may cause irritation.

Component Information

* No significant exposure to Crystalline Silica (Quartz) is thought to occur during the use of products in which Crystalline Silica (Quartz) is bound to other materials, such as in paints and coatings. As one reference, see California Office of Health Hazard Assessment at: http://www.oehha.org/prop65/CRNR_notices/safe_use/sylicasud2.html

The IARC Monograph (Vol93, 2010, Carbon Black, Titanium Dioxide, Talc) states: "No significant exposure to primary particles of Titanium Dioxide is thought to occur during the use of products in which Titanium Dioxide is bound to other materials, such as in paints."

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-

Information on toxicological effects

Symptoms No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Can cause skin irritation.
Serious eye damage/eye irritation Irritating to eyes.
Irritation Irritating to eyes, and skin.
Corrosivity Not classified
Sensitization May cause sensitization of susceptible persons.
Germ cell mutagenicity This product does not contain any ingredients that cause germ cell mutagenicity
Carcinogenicity The table below indicates whether each agency (ACGIH, IARC, NTP, or OSHA) has listed any ingredient as a carcinogen.

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

- A1 Known Human Carcinogen
- A2 Suspected Human Carcinogen
- A3 Animal Carcinogen
- A4 Not Classified as a Human Carcinogen

IARC (International Agency for Research on Cancer)

- Group 1 Carcinogenic to Humans
- Group 2A Probably Carcinogenic to Humans
- Group 2B Possibly Carcinogenic to Humans
- Group 3 Not Classifiable as a Human Carcinogen

NTP (National Toxicology Program)

- Known Known Carcinogen
- Reasonably Anticipated Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

- X Present

Reproductive toxicity: None known for product as a whole.
Developmental Toxicity None known for product as a whole.
Teratogenicity None Known.
STOT – Single exposure: No information available
STOT – Repeated exposure: No information available
Aspiration hazard: No information available

Numerical measures of toxicity - No information available

The following values are calculated based on chapter 3.1 of the GHS document. For exterior use only. Do not use indoors.

ATEmix (oral) 10,453.00

12. ECOLOGICAL INFORMATION

Ecotoxicity

This mixture contains no known hazard to the aquatic life.

Persistence and degradability

No information available.

Bioaccumulation potential

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Water treatment methods

Disposal of waste Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose in accordance with all applicable regulations.

Contaminated packaging Do not reuse container.

14. TRANSPORTATION INFORMATION

Note: This material is not subject to regulation as a hazardous material for shipping.

DOT Not regulated

TDG Not regulated

MEX Not regulated

ICAO (air) Not regulated

IATA Not regulated

IMDG	Not regulated
RID	Not applicable in the United States.
ADR	Not applicable in the United States.
ADN	Not applicable in the United States.

15. REGULATORY INFORMATION

International Inventories

TSCA All of the components of this product are listed on the US TSCA (Toxic Substances Control Act) Inventory or are exempt.
DSL/NDSL All of the components of this product are listed on the DSL.

Legend

TSCA United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS Japan Existing and New Chemical Substances
IECSC China Inventory of Existing Chemical Substances
KECL Korean Existing and Evaluated Chemical Substances
PICCS Philippines Inventory of Chemicals and Chemical Substances
AICS Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the superfund Amendments and reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the code of Federal Regulations, Part 372.

SARA 311/312

Acute health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR.122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

US State Regulations

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Water – 7732-18-5	-

U.S. State Right-to-Know Regulations

This product contains the following substances regulated by various State Right-to-Know regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Water – 7732-18-5	-	-	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA	Health Hazard	1	Flammability	0	Instability	0	Physical and Chemical Properties	-
HMSI	Health Hazard	1	Flammability	0	Physical Hazards	0	Personal Protection	-
	<i>Chronic Hazard Star Legend</i>		* = Chronic Health Hazard					

Issue Date: 5/09/2023
 Last Revision Date: 6/16/2023
 Revision Disclosure: No information available

USP® SA Primer**SDS #1006**

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End of Safety Data Sheet