

# SAFETY DATA SHEET

## Pure White Latent Print Powder

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**TRADE NAME:** Pure White Latent Print Powder

**DATE:** 20 April 2015

**SUPERSEDES DATE:** 10 November 2008

**PRODUCT NUMBER:** FS-PRPW

**MANUFACTURED FOR :** ID Technologies and Forensics

**ADDRESS:** 3231 W. MacArthur Blvd.

Santa Ana, CA 92704

Ph. 714-979-1405

[www.IDTechnologies.com](http://www.IDTechnologies.com)

The intended uses of the chemical(s): This product is used in forensics. Standard industrial classification (SIC): 2835

The public cannot use the chemical; trained professionals use the chemical only.

**24/7 EMERGENCY PHONE:** INFOTRAC 800-535-5053 Call collect internationally 352-323-3500

**24/7 HEALTH EMERGENCIES:** 800-222-1222 National Poison Control Center.

### SECTION 2 - HAZARDS IDENTIFICATION



**GHS:**

**SIGNAL WORD:** WARNING.

Avoid contact with eyes, skin and respiratory tract Keep out of reach of children.

The product may be harmful if it is swallowed.

**POTENTIAL HEALTH EFFECTS:**

**CODE OF HAZARD STATEMENTS:**

Physical hazards.

None.

Health Hazards.

H315-Causes skin irritation.

H320-Causes eye irritation.

H335-May cause respiratory irritation.

Environmental hazards.

H402-Harmful to aquatic life.

**CODE OF PRECAUTIONARY STATEMENTS:**

General.

P101-Keep out of reach of children.

P103-Read label before use.

Prevention statements.

P202-Do not handle until all safety precautions have been read and understood.

P262-Do not get in eyes, on skin or on clothing.

P264-Wash thoroughly after handling.

P270-Do not eat, drink or smoke when using this product.

P280-Wear protective gloves/protective clothing/eye protection/face protection.

Response statements.

P312-Call a POISON CENTER or doctor/physician if you feel unwell.

P331-DO NOT induce vomiting.

P340, Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P352, Wash with plenty of soap and water.

P362, Take off contaminated clothing and wash before reuse.

Storage.

P403-Store in a well-ventilated area.

**ROUTES OF ENTRY:** Eye contact, and skin.

**CARCINOGENICITY:** None.

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### SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	EINECS #	%	REACH Reg. #
Titanium dioxide	13463-67-7	236-675-5	90	Yes
Zinc stearate	557-05-1	236-675-5	10	No

See Section 8 for Personal Protection (PPE).

### SECTION 4 - FIRST AID MEASURES

**INHALATION:** Move to fresh air free from risk of further exposure. If person not breathing call 9-1-1, then apply rescue breathing. Seek medical attention as soon as possible.

**EYE CONTACT:** Flush with clean, lukewarm water raising upper and lower eyelids at low pressure for 15 minutes. Remove contact lenses, if present, after the first five minutes and continue to rinse the eyes. Seek medical attention if no relief.

**SKIN CONTACT:** Rinse area with clean water for 15-20 minutes. Call poison control center or doctor for treatment advice.

**INGESTION:** Induce vomiting, give large amounts of water. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### SECTION 5 - FIREFIGHTING MEASURES

**FLASHPOINT AND METHOD:** > 350°F (177°C).

**FLAMMABLE LIMITS:** LEL = NE% UEL = NE%

**EXTINGUISHING METHOD:** Use dry chemicals, carbon dioxide and foam.

**FIRE OR EXPLOSION HAZARDS:** This material can pose a possible dust explosion situation.

**SPECIAL FIREFIGHTING PROCEDURES:** Keep upwind of fire. Full emergency equipment with self-contained breathing apparatus and full protective clothing to be worn by firefighters

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

#### SPILL OR LEAK PROCEDURES:

Prevent material from getting into waterways. Sweep up avoid making dust and place the collected material in a closed container

Finish cleaning the area with small amounts of soap and water on the spill area.

### SECTION 7 - HANDLING AND STORAGE

#### STORAGE TEMPERATURE:

Keep container tightly closed and keep in cool dry area. Provide a cool well-ventilated area.

**SPECIAL SENSITIVITY:** Avoid contact with skin and eyes, wear PPE in (section 8).

**HANDLING AND STORAGE PRECAUTIONS:** Avoid breathing the dust. Use normal safety procedures and good personal hygiene. Wash thoroughly after use and before eating, drinking, chewing gum or using tobacco.

### SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**EYE PROTECTION:** Use safety glasses or goggles (EN 166), there is potential for dust exposure to cause injury to the eyes.

**SKIN PROTECTION:** Wear chemical resistant glove (Nitrile.) Wear long sleeve shirts, long pants and shoes and socks.

**RESPIRATORY PROTECTION:** Wear respirator if the airborne conditions result in an aerosol forming ((NIOSH/MSHA TC 23C).

**OCCUPATIONAL EXPOSURE LIMITS:** OSHA PEL TWA; Zinc stearate 10mg/m<sup>3</sup> Titanium oxide 15 mg/m<sup>3</sup>.

**ENGINEERING CONTROLS:** Provide adequate ventilation when product is used. Eyewash and shower should be provided in mixing and loading areas.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder.

Odor: No odor.

Solubility: Insoluble in water.

Note: These physical data are typical values based on material tested but may vary from sample to sample.

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### SECTION 10 - REACTIVITY

**STABILITY:** This product is stable material under normal conditions of storage and handling.

**HAZARDOUS POLYMERIZATION:** Will not polymerize.

**CONDITIONS TO AVOID:** Ignition sources and pure oxygen environments.

**INCOMPATIBLES:** Strong oxidizers, ignition sources and pure oxygen environment.

**DECOMPOSITION PRODUCTS:** NA

### SECTION 11 - TOXICOLOGICAL/ECOLOGICAL INFORMATION

Oral LD<sub>50</sub> (rat) = NA

LC<sub>50</sub> (rat) = NA

The significant routes of exposure are eyes and inhalation.

### SECTION 12 - DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:** The product is a solid, wear PPE as outlined in Section 8.

Dispose according to the regulations of local, state and Federal regulatory agencies.

### SECTION 13 - TRANSPORTATION INFORMATION

**US DOT (ground) SHIPPING NAME:** Not regulated

**IATA (air) SHIPPING NAME:** CARGO AIRCRAFT ONLY: Not regulated

**IMO (water) SHIPPING NAME:** Not regulated

### SECTION 14 - REGULATORY INFORMATION

**OSHA STATUS:** Harmful by ingestion, Irritant.

**TSCA STATUS:** None.

**CERCLA REPORTABLE QUANTITY:** None.

**CALIFORNIA PROPOSITION 65:** None.

**RCRA STATUS:** None.

#### SARA 311/312 HAZARD NOTIFICATION/REPORTING

**IMMEDIATE** Y **FIRE** N **SUDDEN RELEASE OF PRESSURE** N

**DELAYED** Y **REACTIVE** N

**SARA TITLE III:**

**SECTION 302 EXTREMELY HAZARDOUS:** None.

**SECTION 311/312 HAZARD CATEGORIES:** Acute health hazard.

**SECTION 313 TOXIC CHEMICALS:** Zinc stearate.

**RIGHT TO KNOW:** All listed ingredients are found in MA, NJ and PA.

**EUROPEAN COMMUNITY:**



**WHMIS:** None.

### SECTION 15 - OTHER INFORMATION/APPROVALS

National Fire Protection Association (NFPA)

Hazardous Materials Identification System (HMIS)

NFPA

HMIS

		0	Least		
2	Health	1	Slight	2	Health
1	Flammability	2	Moderate	1	Flammability
0	Instability	3	High	0	Reactivity
		4	Severe	F	PPE

### SECTION 16 - ABBREVIATIONS /DISCLAIMER

**REASON FOR ISSUE:** This new SDS complies with GHS regulations (Section 2 pictograms) and REACH compliance (Section 3).

**APPROVAL DATE:** 24 April 2015

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#### ABBREVIATIONS:

CAS # Chemical Abstract Service Number

EINECS European Inventory of existing

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## Pure White Latent Print Powder

°C	Celsius temperature scale	Commercial Chemical Sales	
Prop.	Proprietary	°F	Fahrenheit temperature scale
TLV	Threshold Limit Value	PE	Personal Protective Equipment
STEL	Short-term Exposure Limit	TWA	Time Weighted Average
OSHA	Occupational Safety & Health	PEL	Permissible Exposure Limit
NFPA	National Fire Protection Agency	NIOSH	National Institute of Safety & Health
NTP	National Toxicology Program	WHMIS	Workplace Hazardous Materials Information System
RCRA	Resource Conservation Recovery ACT	IARC	Int. Agency for Research on Cancer
EC50	Effective Dose	TSCA	Toxic Substance Control Act
Ld50	Lethal Dose	LC50	Lethal Inhalation Concentration
LEL	Lower explosive limit	CAS	Chemical Abstract Service Number
NDA	No Data Available	UEL	Upper explosive limit
NE	None established	ND	Not determined
< Less Than or Equal To		NA	Not Applicable
CNS	Central Nervous System	> Greater Than or Equal To	
DSL	Canada	CI	China
EEC	European Economic Commission	ECL	Korean Existing Chemicals List
EU	European Union	ENCS	Japanese Existing and New Chemical List
MAK	Germany	MAC	Netherlands
PICCS	Philippines	MITI	Japan
UK	United Kingdom	SWISS	Giftliste 1
VOC	Volatile organic content	USA	United States
ACGIH	American Conference of Government Industrial Hygienists		
SARA	Superfund Amendments and Reauthorization Act		
AICS	Australian Inventory of Chemical Substances		
IARC	International Agency for Research on Cancer		
Taiwan	List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086		

### Disclaimer:

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