



# SAFETY DATA SHEET

## 1. Identification

<b>GHS product identifier</b>	CN867Series
<b>Synonym(s)</b>	HP FB210 White Scitex Ink
<b>Version #</b>	02
<b>Issue date</b>	15-Aug-2016
<b>Revision date</b>	14-Feb-2018
<b>Supersedes date</b>	15-Aug-2016
<b>Recommended use</b>	Inkjet printing
<b>Recommended Restrictions</b>	Not available.
<b>Manufacturer</b>	HP Deutschland GmbH Schickardstrasse 32 71034 Böblingen Germany
<b>HP Inc. health effect line (Toll-free within US) (Direct)</b>	1-800-457-4209 1-760-710-0048
<b>HP Inc. Customer Care Line (Toll-free within the US) (Direct)</b>	1-800-474-6836 1-208-323-2551
<b>Email:</b>	hpcustomer.inquiries@hp.com

## 2. Hazards identification

### GHS classification

<b>Physical hazards</b>	Flammable liquids	Category 4
<b>Health hazards</b>	Acute toxicity, oral	Category 5
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 1
	Sensitization, skin	Category 1
	Reproductive toxicity (fertility, the unborn child)	Category 1B
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
	Specific target organ toxicity, repeated exposure	Category 1 (liver, respiratory system)
<b>Environmental hazards</b>	Hazardous to the aquatic environment, long-term hazard	Category 3

### GHS label elements

**Signal word** Danger



**Hazard statement** Combustible liquid. May be harmful if swallowed. Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. May damage fertility. May damage the unborn child. May cause respiratory irritation. Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects.

### Precautionary statement

**Prevention** Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Avoid release to the environment.

<b>Response</b>	In case of fire: Use CO2 to extinguish. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF exposed or concerned: Get medical attention/advice. Take off contaminated clothing and wash before reuse.
<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Other hazards which do not result in classification</b>	Diphenyl (2,4,6-trimethylbenzoyl) phosphineoxide - In animal testing, risk of impaired fertility was shown only after repeated ingestion of very high doses of this substance. Potential routes of exposure to this product are skin and eye contact, ingestion, and inhalation.  Titanium dioxide is classified by IARC as a Group 2B carcinogen, meaning there is inadequate evidence in humans for the carcinogenicity of titanium dioxide, but there is sufficient evidence in experimental animals for the carcinogenicity of titanium dioxide. Exposure to titanium dioxide in this product is unlikely because it is a component of a liquid ink and is bound to other ink components.
<b>Supplemental information</b>	None.

### 3. Composition/information on ingredients

Components	CAS #	Percent
Butyl substituted ethyl acrylate	Proprietary	<40
1-vinylhexahydro-2H-azepin-2-one	2235-00-9	<30
Tetrahydrofurfuryl acrylate	2399-48-6	<15
Titanium dioxide pigment blend	13463-67-7	<15
2-Propenoic acid, (2,4,6-trioxo-1,3,5-triazine-1,3,5(2H,4H,6H)-triy)tri-2,1-ethanediyl ester	40220-08-4	<10
2-methyl-1-(4-methylthiophenyl)- 2-morpholinopropan-1-one	71868-10-5	<5
Diphenyl (2,4,6-trimethylbenzoyl) phosphine	75980-60-8	<5
Propoxylated glycerol triacrylate	52408-84-1	<0.1

### 4. First aid measures

#### First aid procedures

<b>Inhalation</b>	Move to fresh air. If symptoms persist, get medical attention.
<b>Skin</b>	Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.
<b>Eye</b>	Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists get medical attention.
<b>Ingestion</b>	If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

**Most important symptoms and effects, both acute and delayed** Not available.

**Notes to physician** Not available.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Dry powder. Carbon dioxide (CO2). Water may be ineffective.
<b>Unsuitable extinguishing media</b>	Water may be ineffective. Do not use a solid water stream as it may scatter and spread fire.
<b>Specific hazards arising from the chemical</b>	Not available.
<b>Protective equipment and precautions for firefighters</b>	Not available.
<b>Protection of fire-fighters</b>	Avoid runoff into storm sewers and ditches which lead to waterways.

### 6. Accidental release measures

<b>Personal precautions</b>	Wear appropriate personal protective equipment.
<b>Environmental precautions</b>	See also section 13 Disposal considerations. Do not let product enter drains. Do not flush into surface water or sanitary sewer system.
<b>Methods for containment</b>	Not available.

Methods for cleaning up Not available.

## 7. Handling and storage

**Handling** Avoid contact with skin, eyes and clothing.

**Storage** Keep away from excessive heat or cold. Do not store in direct sunlight. Do not handle or store near an open flame, heat or other sources of ignition. Opaque, high density polyethylene (HDPE) containers are recommended for shipping and storage.

## 8. Exposure controls / personal protection

### Control parameters

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Titanium dioxide pigment blend (CAS 13463-67-7)	TWA	10 mg/m3

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Exposure guidelines** Exposure limits have not been established for this product.

**Recommended monitoring procedures** Not available.

**Engineering controls** Additional area ventilation or local exhaust may be required to maintain air concentrations below recommended exposure limits.

**Personal protective equipment**

- Eye/face protection** Wear safety glasses; chemical goggles (if splashing is possible). Eye wash fountain and emergency showers are recommended.
- Skin protection** Wear appropriate chemical resistant clothing.
- Respiratory protection** Provide adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment.
- Hand protection** Recommended gloves: Nitrile 6 mil minimum thickness. Wear appropriate chemical resistant gloves.

## 9. Physical and chemical properties

### Appearance

**Physical state** Not available.

**Color** White.

**Form** Liquid.

**Odor** Characteristic.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/Freezing point** Not available.

**Boiling point** Not available.

**Flash point** > 161.6 °F (> 72.0 °C) Closed Cup EPA Method 1020

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not available.

**Flammability limits in air, lower, % by volume** Not available.

**Flammability limits in air, upper, % by volume** Not available.

**Vapor pressure** Not available.

**Vapor density** Not available.

**Solubility(ies)**

- Solubility (water)** Not available.

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

**Auto-ignition temperature** Not available.

**Decomposition temperature** Not available.

**Viscosity** Not available.

**VOC (Weight %)** < 95 g/L Method 24/ASTM D5409-93

## 10. Stability and reactivity

**Chemical stability** Stable under normal storage conditions.

<b>Possibility of hazardous reactions</b>	Hazardous polymerization can occur with decreased inhibitor content.
<b>Conditions to avoid</b>	Exposure to sunlight.
<b>Incompatible materials</b>	Incompatible with strong bases and oxidizing agents. alkaline metals
<b>Hazardous decomposition products</b>	Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## 11. Toxicological information

<b>Acute toxicity</b>	May be harmful if swallowed.
<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.
<b>Respiratory sensitizer</b>	Based on available data, the classification criteria are not met.
<b>Skin sensitization</b>	May cause sensitization by skin contact.
<b>Mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>ACGIH Carcinogens</b>	
Titanium dioxide pigment blend (CAS 13463-67-7) A4 Not classifiable as a human carcinogen.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>	
Titanium dioxide pigment blend (CAS 13463-67-7) 2B Possibly carcinogenic to humans.	
<b>Reproductive toxicity</b>	May damage fertility. May damage the unborn child.
<b>Specific target organ toxicity - single exposure</b>	May cause irritation to the respiratory system.
<b>Specific target organ toxicity - repeated exposure</b>	Causes damage to organs (liver, respiratory system) through prolonged or repeated exposure.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.
<b>Other information</b>	Complete toxicity data are not available for this specific formulation

## 12. Ecological information

### Ecotoxicological data

Components	Species	Test Results
Titanium dioxide pigment blend (CAS 13463-67-7)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna) > 1000 mg/l, 48 hours
Fish	LC50	Mummichog (Fundulus heteroclitus) > 1000 mg/l, 96 hours
<b>Aquatic toxicity</b>	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	

## 13. Disposal considerations

<b>Disposal methods</b>	Do not dispose of together with general office waste. Do not allow this material to drain into sewers/water supplies. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Ensure collection and disposal with an appropriately licensed waste contractor.
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## 14. Transport information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>ADR</b>	Not regulated as dangerous goods.

## 15. Regulatory information

<b>Regulatory information</b>	All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, South Korea, New Zealand, and China.
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## 16. Other information

### Disclaimer

This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.

### SDS sections updated

Hazards identification: Hazard statement  
Hazards identification: Disposal  
Hazards identification: Prevention  
Hazards identification: Response  
Hazards identification: Storage  
3. Composition / Information on Ingredients: Disclosure Overrides  
9. Physical & Chemical Properties: Multiple Properties  
Regulatory information: Regulatory information  
GHS: Classification

### Explanation of abbreviations

<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists
<b>CAS</b>	Chemical Abstracts Service
<b>CERCLA</b>	Comprehensive Environmental Response Compensation and Liability Act
<b>CFR</b>	Code of Federal Regulations
<b>COC</b>	Cleveland Open Cup
<b>DOT</b>	Department of Transportation
<b>EPCRA</b>	Emergency Planning and Community Right-to-Know Act (aka SARA)
<b>IARC</b>	International Agency for Research on Cancer
<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>NTP</b>	National Toxicology Program
<b>OSHA</b>	Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>REC</b>	Recommended
<b>REL</b>	Recommended Exposure Limit
<b>SARA</b>	Superfund Amendments and Reauthorization Act of 1986
<b>STEL</b>	Short-Term Exposure Limit
<b>TCLP</b>	Toxicity Characteristics Leaching Procedure
<b>TLV</b>	Threshold Limit Value
<b>TSCA</b>	Toxic Substances Control Act
<b>VOC</b>	Volatile Organic Compounds