



# SAFETY DATA SHEET

FRU

Issue # 10088

Inksolutions L.L.C.  
5928 S. Garfield Ave  
Commerce, CA 90040

Phone: 323-726-8900

**Unofficial Test Document**

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Annex 4  
reference**

GHS Product identifier	FRU	A4.3.1.1
Other means of identification	Studio Flat Raw Umber	A4.3.1.2
Recommended use	Tint, colorant	A4.3.1.3
Supplier's detail	Inksolutions LLC, 5928 S. Garfield Ave. Commerce, CA 90040	A4.3.1.4
Emergency phone Number	847-593-5200 Mon.-Fri. 8:00 am - 5:00 pm except holidays	A4.3.1.5

## 2. HAZARDS IDENTIFICATION

**Annex 4  
reference**

GHS CLASSIFICATION	(Not Applicable)	A4.3.2.1
GHS Label Elements	(Note: This consumer product is exempt from OSHA GHS-HCS Labeling Requirements.) Signal Word/Hazard Statement/Pictogram are not required	A4.3.2.1 A4.3.2.1
Precautionary Statements		A4.3.2.1
Prevention	Do not ingest. Use only with adequate ventilation or protection. Avoid breathing spray mist, avoid contact with eyes and skin, close container after use. Keep out of reach of children.	A4.3.2.1
Response	Clean up spills with inert absorbent material, such as clay granules, paper or cloth wipes. Allow to dry before disposal.	A4.3.2.1
Storage & Disposal	Keep above 40 F at all times. Dispose of container and contents in accordance with applicable local, state and federal regulations.	A4.3.2.1
Hazards Not Otherwise Classified	This product, like most pigmented systems, contains materials that may be considered suspected of causing cancer when inhaled repeatedly as a powder or dust. Proper ventilation and dust masks should be utilized if material is to be sanded, buffed or treated in any other way to cause dust.	A4.3.2.1

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Annex 4  
reference**

Hazardous Ingredients	No Reportable Hazardous Ingredients	A4.3.3.2
-----------------------	-------------------------------------	----------

## 4. FIRST AID MEASURES

**Annex 4  
reference**

Description of necessary first-aid measures	Under normal conditions simple exposure shouldn't produce any adverse effects.	A4.3.4.1
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.	A4.3.4.1.2
Skin Contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.	A4.3.4.1.2

---

Inhalation	Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention.	A4.3.4.1.2
Ingestion	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.	A4.3.4.1.2
Most important symptoms/effects	Not Determined	A4.3.4.2
Indication of immediate medical attention.	Not Determined	A4.3.4.3

---

## 5. FIRE FIGHTING MEASURES

**Annex 4  
reference**

---

Suitable extinguishing media	Foam, Alcohol foam, CO2, Dry Chemical, Water Fog	A4.3.5.1
Unsuitable extinguishing media	Do NOT use water jet	A4.3.5.1
Specific hazards arising from the chemical	Move containers from fire area if this can be done without risk. Use water spray to cool containers. In a fire or if heated, a pressure increase will occur and the container may burst. Decomposition products may include the following materials: metal oxide/oxides. Combustion can produce carbon monoxide and /or carbon dioxide	A4.3.5.1
Special protective actions for fire-fighters	Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.	A4.3.5.3

---

## 6. ACCIDENTAL RELEASE MEASURES

**Annex 4  
reference**

---

Personal precautions, protective equipment and emergency equipment	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment	A4.3.6.1
Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).	A4.3.6.2
Methods for cleaning up.	Transfer spill material into suitable waste drums using proper implements and dispose of in an approved manner.	A4.3.6.3

---

## 7. HANDLING AND STORAGE

**Annex 4  
reference**

---

Precautions for safe handling	Use reasonable prudent industrial hygiene when handling this material. Avoid direct contact with skin and eyes and use in a well ventilated area. Smoking, eating and drinking should be prohibited in work areas.	A4.3.7.1
Precautions for safe storage	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Keep containers sealed and upright.	A4.3.7.2

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Annex 4  
reference**

---

Control Parameters	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protection.	A4.3.8.1
--------------------	--	----------

---

Appropriate engineering controls	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Emissions from ventilation Or work process equipment should be checked to ensure they comply with the requirements	A4.3.8.2
Individual protection measures	It is recommended that eye protection, gloves, and clothing that covers exposed skin be worn. Proper foot protection when handling drums of material is strongly recommended. Employer should check and follow all federal and local regulations/requirements.	A4.3.8.3

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Annex 4  
reference**

SDS Data	Physical data in this document required by OSHA. Any supplementary information available by request.	A4.3.9.1
Appearance (physical state, colour etc)	Red-Brown Viscous Liquid	A4.3.9.1
Odour	Mildly Oleoresinous	A4.3.9.1
Odour threshold	Not Available	A4.3.9.1
pH	8.5-9.5	A4.3.9.1
Melting point/freezing point	Freeze pt. - 32F	A4.3.9.1
Flash point (F)	Not Available	A4.3.9.1
Initial boiling point and boiling range	Not Available	A4.3.9.1
Evaporation rate	Slower than Butyl Acetate	A4.3.9.1
Flammability (solid, gas)	Not Available	A4.3.9.1
Upper/lower flammability or explosive limits	Not Available	A4.3.9.1
Vapour pressure	Equal or Heavier than Air	A4.3.9.1
Vapour density	Wt/gal - 11.94 lbs	A4.3.9.1
Relative density	Approximately 1	A4.3.9.1
Solubility(ies)	Not Available	A4.3.9.1
Partition coefficient: n-octanol/water	Not Available	A4.3.9.1
Auto-ignition temperature	Not Available	A4.3.9.1
Decomposition temperature	Not Available	A4.3.9.1
Viscosity	90-105 KU	A4.3.9.1
% Volatile Organic Content	Not Available	A4.3.9.1

## 10. STABILITY AND REACTIVITY

**Annex 4  
reference**

Reactivity	No specific test data related to reactivity available for this product.	A4.3.10.1
Chemical stability	This product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur.	A4.3.10.2
Possibility of hazardous reactions	Under normal conditions of storage and use hazardous reactions will not occur.	A4.3.10.3
Conditions to avoid	Avoid excessive heat	A4.3.10.4

Incompatible materials	do not handle or store near water-reactive materials, strong oxidizers, acids or alkalis.	A4.3.10.5
Hazardous decomposition products	Combustion can produce carbon monoxide	A4.3.10.6

---

## 11. TOXICOLOGICAL INFORMATION

**Annex 4  
reference**

Toxicological Information	Specific information regarding toxicological information in individual components of this product is not available at this time.	A4.3.11.1
acute toxicity:	No data available.	A4.3.11.1
skin corrosion/irritation;	No data available.	A4.3.11.1
serious eye damage/irritation;	No data available.	A4.3.11.1
respiratory or skin sensitization;	No data available.	A4.3.11.1
germ cell mutagenicity	No data available.	A4.3.11.1
carcinogenicity;	No data available.	A4.3.11.1
reproductive toxicity;	No data available.	A4.3.11.1
STOT-single exposure;	No data available.	A4.3.11.1
STOT-repeated exposure: and	No data available.	A4.3.11.1
aspiration hazard	No data available.	A4.3.11.1
Information on the likely routes of exposure	No data available.	A4.3.11.7
Symptoms related to the physical, chemical and toxicological characteristics	No data available.	A4.3.11.8
Delayed and immediate effects and also chronic effects from short and long term exposure	No data available.	A4.3.11.9
Numerical measures of toxicity	No data available.	A4.3.11.10
Interactive effects	No data available.	A4.3.11.11
Where specific chemical data are not available	No data available.	A4.3.11.12
Mixtures	No data available.	A4.3.11.13
Mixture versus ingredient information	No data available.	A4.3.11.14
Other information	No data available.	A4.3.11.15

---

## 12. ECOLOGICAL INFORMATION

**Annex 4  
reference**

Ecological Information	No data available.	A4.3.12.1
Toxicity	No data available.	A4.3.12.3
Persistence and degradability	No data available.	A4.3.12.4
Bioaccumulative potential	No data available.	A4.3.12.5

---

Mobility in soil	No data available.	A4.3.12.6
Other adverse effects	No data available.	A4.3.12.7

---

### 13. DISPOSAL CONSIDERATIONS

**Annex 4  
reference**

---

Disposal Methods	Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Avoid dispersal of spilled material and runoff and contact with soil, Waterways, drains and sewers.	A4.3.13.1
------------------	--	-----------

---

### 14. TRANSPORT INFORMATION

**Annex 4  
reference**

---

Transport Information	This material is not subject to DOT, IATA/ICAO, or IMO/IMDG transportation regulations. Acceptable for air transport as Non-Hazardous Goods.	A4.3.14
UN Number	Not regulated.	A4.3.14.1
UN Proper Shipping Name	Not Available or Not Applicable	A4.3.14.2
Transport hazard class(es)	Not Available or Not Applicable	A4.3.14.3
Packing group	Not Available or Not Applicable	A4.3.14.4
Environmental hazards	Not Available or Not Applicable	A4.3.14.5
Special precautions for user	None Known	A4.3.14.6
Transport in bulk	Not Known or Not Applicable.	A4.3.14.7

---

### 15. REGULATORY INFORMATION

**Annex 4  
reference**

---

Regulatory Information	As this document pertains to safety, any regulatory information available will be listed in section 2. Further regulatory information is available upon request.	A4.3.15
------------------------	--	---------

---

### 16. OTHER INFORMATION

**Annex 4  
reference**

---

Date of Preparation	June 1, 2015	A4.3.16.a
Prepared by	Alan Berna - Technical Supervisor	A4.3.16.b

---

**Disclaimer:** Inksolutions, LLC urges each customer or recipient of the SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific SDSs, we are not and cannot be responsible for SDSs obtained from any source other than ourselves. If you have obtained an SDS from another source or if you are not sure that the SDS you have is current, please contact us for the most current version.