

MATERIAL SAFETY DATA SHEET

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1. Identification

Product Name: FUJI ASL BLACK 8080

Recommended Use: Stamp Ink

Manufacture: FUJI PIGMENT Co., Ltd.

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2. Hazards Identification

GHS Classification:

Health	Environmental	Physical
Not Classified	Not Classified	Not Classified

Pictograms by CLP/GHS: Not Required

Pictograms by DPD: Not Required

Signal Word: Not Required

<i>Hazard Statements</i>	<i>Precautionary Statements</i>
Causes mild skin irritation and mild eye irritation.	Wear an appropriate protective glove, protective spectacles, and the protection side. Wash one's hands well after handling. Avoid the discharge into the environment

PBT substance and vPvB substance:

No component of this product a PBT or vPvB substance under Regulation (ec) 1907/2006

3. Composition/Information on Ingredients

Chemical Name: Proprietary

Common Name: Pigment Dispersion

Component	DSD Classification	CLP/GHS Classification	Weight percent	CAS No EC No.
Carbon Black	None	None	8-10 %	1333-86-4 215-609-9
Polypropylene glycol	None	None	90-92 %	25322-69-4 Polymer provision

4. First-Aid Measures

Inhalation:	This is at low risk of the inhalation for chips.
Skin Contact:	Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Ingestion:	Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cup of milk or water.

Note to Physicians: None

5. Fire-fighting Measures

Extinguishing Media: Dry Chemical, Form or Carbon Dioxide

Special Fire Fighting Precautions: Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

List Hazardous Decomposition Products: CO, CO₂,

6. Accidental Release Measures

Personal Precautions: The worker wears an appropriate protection tool, and avoids contact and the inhalation into eyes and the skins (**Also see Section 8**). Do not touch damaged container or leakage thing if you do not wear appropriate protective clothes.

Environmental Precautions: Do not discharge into an environmental inside. It is noted not to influence the environment for example being exhausted to the river etc.

Method and Materials for Containment and Clean up: The worker wears an appropriate protection tool, and prevents the leakage. Sweep up, and then place into a suitable container for disposal. Avoid generating dusty conditions. Provide ventilation.

7. Handling and Storage

Precautions for Safe Handling: The worker wears an appropriate protection tool, and avoids contact and the inhalation into eyes and the skins (**Also see Section 8**).

Conditions for Stable Storage: The storage container must closely stop it, and be grounded and bonded. Keep container closed when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or sunlight.

8. Exposure controls/Personal Protection

Exposure Limits: Not established

Equipment Measures: Facial cleansing shower and washroom equipment, etc.

Protection Tool: The worker has to wear following protection tools for personal safe.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles.

Skin Protection: Wear appropriate protective gloves to prevent skin exposure.

Ingestion Protection: Face shield or mask.

9. Physical and Chemical Properties

Appearance: Black liquid	Auto Ignition Temperature: Not measured
Odor: Slightly Characteristic odor	Upper Flammability Limits: Not measured
pH: Not available.	Lower Flammability Limits: Not measured
Boiling Point: Not measured	Vapor Pressure: Not measured
Melting Point: <-30°C	Vapor Density: Not available
Specific Gravity: 1.0	Solubility in Water: insoluble
Flash Point: 215 °C	Octanol/Water Partition Coefficient: Not measured.

10. Stability and Reactivity

Reactivity: It reacts when mixing it with a strong acid, a strong alkali, and the oxidant, etc.

Chemical Stability: No decomposition, if used according to specifications.

Possibility of Hazardous Reactions: None are known.

Conditions to Avoid: Heat, high temperature, Incompatible materials..

Materials to Avoid: Strong oxidizing agents, peroxides, and heavy metal.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide.

11. Toxicological Information

Irritating to eyes, respiratory system and skin.

Acute Toxicity:

Inhalation: Not available

Ingestion: LD50:2410mg/kg(oral rat) (Polypropylene glycol)

Eyes: Not available

Skin: Not available

Sensitization: May cause sensitization by skin contact.

Mutagenicity: Not available

Reproductive Toxicity: Not available

Carcinogenicity: Carbon Black listed A4 by ACGIH, 2B by IARC, 3B by DFG.

However, this article is inapplicable so that possibility of the absorption is low for ink.

Other Information: None

12. Ecological Information

Toxicity:	No data
Persistence /Degradability:	Not available
Bioaccumulation:	Not available
Mobility:	Not available
PBT and vPvB:	No component in this product a PBT or vPvB substance.
Other advice Effects:	Not available

13. Disposal Considerations

Comply with national and local environmental regulations.

Do not dump this product into sewers, on the ground or into any body of water.

14. Transport Information

UN Number: None

UN Proper Shipping Name: None

Transport Hazard Class: None

Packing Group: None

Labels Required: None

Environmental Hazards: None

Special Precautions for User: Wear protection tools for personal safe in Section 8.

Transport according to Annex II of MARPOL 73/78 and the IBC Code: None

15. Regulatory Information

Inventory Status: All components are listed on ENCS, TSCA, DSL, and EINECS/ELINCS.

EU Information)

(EC) 2037/2000: Not Required

(EC) 304/2003: Not Required

2002/95/EC: None

REACH SVHC: None

(USA Information)

Information on the Label under OSHA HCS

Signal Word: None

Hazard warning: None

Safety advice: None

Hazardous Component(s): None

SARA Title III § 313: None

California Proposition 65: None

16. Other Information

. Literature References:

- * ACGIH Threshold Limit Values for Chemicals Substances and Physical Agents and Biological Exposure Indices.
- * ILO Occupational Safety and Health Series 37 "occupational Exposure Limits for Airborne Toxic Substances"
- * World Health Organization International Agency for Research on cancer, IARC Monographs on the Carcinogenic Risk of Chemicals to humans
- * EU Directive 76/769/EEC, 67/548/EEC, 2009/2/EC
- * EU Regulation (EC)2037/2000, (EC)304/2003, (EC) 1272/2008

Abbreviation

EU: European Union

OSHA PEL: PEL(Permissible Exposure Limit) under Occupational Safety and Health Administration (USA).

ACGIH TLV: TLV (Threshold Limit Value) under American Conference of Governmental Industrial Hygienists.

EU ILV: Indicative Limit Values for Occupational Exposure under EU Directive 91/322/EEC, 2000/39/EC and 2006/15/EC.

DFG MAK: MAK (Maximalc Arbeitsplatz-Konzentration) under Deutsche Forschungsgemeinschaft.

TWA: Time Weighted Average

STEL: Short Term Exposure Limit

IARC: International Agency for Research on Cancer

NTP: National Toxicology Program(USA)

PBT: Persistent Bio-accumulative and Toxic

vPvB: very Persistent and very Bio-accumulative

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