

SAFETY DATA SHEET

SDS No. 20072210

SDS Creation Date: July 22, 2020

Revision Date:

1. Identification of the substance/mixture

1.1 Product identifier:

Trade Name: PF-62 RED

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use: Stamp Inks

Company /Undertaking Identification

Company: SUN SAME ENTERPRISES CO., LTD.

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2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Health	Environmental	Physical
No need for classification according to GHS criteria	No need for classification according to GHS criteria	No need for classification according to GHS criteria

2.2 Label elements

Hazard Pictograms: Not Required

Signal Word: Not Required

Hazard Statements	Precautionary Statements
No need for classification according to GHS criteria	P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331: If swallowed: Rinse mouth. Do not induce vomiting. P302+P352: If on skin: Wash with soap and water. P305+P351: If in eyes: Rinse continuously with water for several minute. P337+P313: If eye irritation persists: Get medical advice/attention. P332+P313: If skin irritation occurs: Get medical advice/attention. P403+P233: Store in a well ventilated place. Keep container tightly closed. P501: Dispose of contents/container in accordance with local regulation.

2.3. Other hazards

PBT substance and vPvB substance:

Substance meets the criteria for vPvB according to Regulation (EC) No 1907/2006, Annex XII

3. Composition/information on ingredients

3.2 Mixture

General information

Component	Classification	Weight percent	CAS No. EC No.
Organic red pigment	None	6-8	Trade secret
Polypropylene glycol	None	88-94	25322-69-4 Polymer provision
Ethanol	Flam Liq.2	4-5	64-17-5 200-578-6

4. First-aid measures

4.1 Description of first aid measure

- Inhalation:** This is at low risk of the inhalation.
- 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.

4.2 Most important symptoms and effects, both acute and delayed:

Not Available

4.3 Indication of any immediate medical attention and special treatment needed:

Not Available

5. Firefighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Water Fog, Dry Chemical, Form or Carbon Dioxide

Unsuitable extinguishing media:

5.2 Special hazards arising from the substance or mixture

Not available.

5.3. Advice for firefighters

Firefighters should be equipped with self-contained breathing apparatus and turn out gear.
Use suitable breathing apparatus

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedure

Avoid contact with skin, eyes and clothing. Avoid breathing vapor and mist. **(Also see Section 8)**.
Do not touch damaged container or leakage thing if you do not wear appropriate protective clothes.

6.2 Environmental precaution

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Discharge into the environment must be avoided.

6.3 Method and materials for containment and clean up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

For disposal see section 13.

7. Handling and storage

7.1 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**).

7.2. Conditions for safe storage, including any incompatibilities

The storage container must closely stop it, and be grounded and bonded. Store away from low temperature less than its melting point and high temperature below 50 °C.

7.3 Specific end use(s)

No data available

8. Exposure controls/personal protection

8.1 Control parameters

Component	Wt %	ACGIH 2002 • TWA	OSHA PEL	EU-ILV	DFG MAK

8.2 Exposure Controls

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

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

Eye Protection: Chemical safety glasses with side-shields or goggles

Skin Protection: Neoprene glove, boots, and/or full body protection

Ingestion Protection: Face shield or mask

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Red liquid	Vapor Pressure: Not available
Odor: Slightly Characteristic odor	Vapor Density: Not available
Odor threshold: None	Solubility in Water: insoluble
pH: Not available	Octanol/Water Partition Coefficient: Not available
Melting Point/freezing point: <-30 °C	Auto Ignition Temperature: Not available
Initial boiling point and boiling range: Not measured	Decomposition Temperature: Not available
Flash Point: > 130°C	Viscosity at 20°C (mPas): 350-550
Evaporation rate: not available	Explosive properties: Not available
Flammability: Not available	Oxidizing properties: Not available
Upper Flammability Limits:	
Lower Flammability Limits:	

9.2. Other information: None

10. Stability and reactivity

10.1 Reactivity: None

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

10.3 Possibility of Hazardous Reactions: None are known.

10.4 Conditions to Avoid: Do not reserve with high temperature up to 50 °C.

10.5 Incompatible materials: Strong oxidizing agents, peroxides, and heavy metal.

10.6 Hazardous Decomposition Products: None are known.

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity; LD50:2410mg/kg(oral rat) (Polypropylene glycol).
Skin corrosion/irritation; Skin irritation may occur because the item is alkaline.
Serious eye damage/irritation; No data available.
Respiratory or skin sensitization; No data available.
Germ cell mutagenicity; No data available.
Carcinogenicity; No data available.
Reproductive toxicity; No data available.
STOT-single exposure; No data available.
STOT-repeated exposure; No data available.
Aspiration hazard; No data available.
Other Information; None

12. Ecological Information

12.1. Toxicity: No data available.
12.2 Persistence and degradability No data available
12.3 Bio accumulative potential; No data available
12.4 Mobility in soil; No data available
12.5 Results of PBT and vPvB assessment; vPvB Substances: None - PBT Substances: None
12.6 Other adverse effects; Not contain substances that deplete the ozone layer.

13. Disposal Considerations

13.1. Waste treatment methods

Waste must be disposal of in accordance with federal, state and local regulations.

14. Transport Information

14.1 UN Number: Not classified as dangerous in the meaning of transport regulations.
14.2 UN Proper Shipping Name: Not restricted.
14.3 Transport Hazard Class: Not restricted.
14.4 Packing Group: Not restricted.
14.5 Environmental Hazards: Not restricted.
14.6 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:
Not hazardous item, not restricted.

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

(EU Information)

(EC) 850/2004: Not Restricted
(EU) No.649/2012: Not Restricted
2001/65/EU + (EU) 2015/863 Not Restricted
REACH SVHC: Not Restricted

(USA Information)

SARA Title III §302: None
§304: None
§313: None
California Proposition 65: None

Inventory Status: All components are listed on ENCS, TSCA, DSL, NZIoC, PICCS, AICS, KECl, IECSC, and EINECS/ELINCS.

15.2 Chemical safety assessment: No

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
- * ECHA Website
- * SDSs of raw materials
- * EU Regulation (EC) 2037/2000, (EC)304/2003, (EC) 1272/2008
- * JIS Z 7252/2019, 7253/2019

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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