

MATERIAL SAFETY DATA SHEET

1. Company Identification

Manufacturer's Name: Teikoku printing Inks Mfg. Co., Ltd
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MSDS No: 1145721129
Product Name: UV SP 21129 KM JR INK
Product Classification: Printing Inks

2. Composition

SHINGLE or MIXTURE: Mixture
CHEMICAL IDENTIFICATION:
Acrylate polymer <25
Ether acrylate <20
Aliphatic monomer <20
Pigment <40
Photo initiator <10
Additives <15
HAZARDOUS COMPONENT: None

3. Hazardous Identification

HAZARDOUS CLASSIFICATION: Inflammable material
FIRE AND EXPLOSION: Inflammable. This product is chemically steady.
POTENTIAL HEALTH EFFECT:
INHALATION: Mist may be irritating to respiratory system
SKIN CONTACT: Liquid may be irritating to skin
EYE CONTACT: Liquid may be irritating to eyes
INGESTION: No information is available

4. First Aid Measures

INHALATION: Provide fresh air
SKIN CONTACT: Immediately flush skin with plenty of water for 15 minutes.
EYE CONTACT: Immediately flush skin with plenty of water for 15 minutes holding eyelids open. Call eye doctor.
INGESTION: Wash out mouth with water provided person is conscious person. Call a physician immediately.

5. Fire Fighting Measures

FLASH POINT (method used): None
FLAMMABLE LIMITS: None
EXTINGUISHING MEDIA: Foam, dry chemical, CO2
SPECIAL FIRE FIGHTING PROCEDURE: None
UNUSUAL FIRE AND EXPLOSION HAZARD: None

6. Accidental Release Measures

STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Observe precautions from other sections. Cover with absorbent material. Scoop in to metal containers.

7. Handling and Storage

PRECAUTION TO BE TAKEN IN HANDLING AND STORAGE:
Keep container closed when not use. Store in a cool place.
Do not lay the container on its side. Use only with adequate ventilation.
Avoid prolonged breathing vapor. Avoid contact with eyes and skin.
Contact lens wearers take appropriate precaution.
Keep out of reach of children.

8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINE: None
RESPIRATORY PROTECTION: Use mask protected from the gas generated.
VENTILATION: Use overall exhaust device or local exhaust device.
PROTECTIVE GLOVES: Use rubber gloves
EYE PROTECTION: Use safety glasses
OTHER PROTECTIVE CLOTHING or EQUIPMENT: Eye wash equipment. WORK / HYGIENIC PRACTICES:
Avoid prolonged breathing vapor. Avoid contact with eyes and skin. Wash hands after handling.

9.Physical and Chemical Properties
BOILING POINT: No information is available VAPOR PRESSURE: No information available VAPOR DENSITY (air=1): >1 SPECIFIC GRAVITY: 1.1 - 1.3 MELTING POINT: N/A EVAPORATION RATE: <1 (Butyl Acetate=1) SOLUBILITY IN WATER: not soluble APPEARANCE (color): White APPEARANCE (form): Liquid ODOUR: Acrylate polymer odor
10.Stability and Reactivity
STABILITY: Stable at normal temperature CONDITION TO AVOID: Do NOT put in high temperature and the state of high moisture INCOMPATIBILITY (material to avoid): Water and moisture HAZARDOUS DECOMPOSITION OR BY-PRODUCT: None HAZARDOUS POLYMERISATION: Will not occur
11.Toxicological Information
SKIN IRRITATION: PII = <4.0 EYE IRRITATION: No information is available ACUTE TOXICITY (LD50 and LC50): No information available CHRONIC TOXICITY: No information is available CHARCINOGENICITY: No information is available OTHER INFORMATION: None
12.Ecological information
RBIODEGRADATION: No information is available BIOACCUMULATION: No information is available AQUATIC TOXICITY: No information is available OTHER INFORMATION: No information is available
13.Diposal Considerations
It is necessary to dispose the product according to the law in the country used.
14.Transport Information
UN NO: The product is not classified in the definition. IMDG CODE: The product is not classified in the definition.
15.Regulatory Information
TOXIC SUBSTANCE CONTROL ACT (TSCA) STATUS: It is investigating now. EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS) STATUS: It is investigating now. OTHERS: Please refer national measures that may be relevant.
16.Other Information
For Industrial Use Only. .

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