Issue 2005.08.31

Revision 2024.09.17

# Safety Data Sheet (SDS)

## Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

| | |
|---|---|
| Chemical Identifier | Solvent-73 |
| Product Code | TH-73 |
| Reference Number | 1011 |
| Name of Supplier | Hitachi Industrial Equipment Systems Co.,Ltd. |
| Address | 1-1 Higashitaga-cho 1-chome,Hitachi-shi, Ibaraki-ken, 316-8502 Japan |
| Department in Charge | IJP ink Group, Marking Systems and Hoist Systems Division |
| Phone Number | +81-294-36-8682 |
| Fax Number | +81-294-36-8975 |
| Mail Address | aida-kohhei@hitachi-ies.co.jp |
| Emergency Phone Number | +81-294-36-8682 |
| Recommended Use | Industrial ink jet printers |
| Restriction on Use | If the product is to be used for applications other than those recommended, seek the judgment of an expert/chemical substance specialist, etc. |

## Section 2 – HAZARDS IDENTIFICATION

GHS Classification of the Chemical

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|---|---|
| Physicochemical | Flammable liquids Category 2 |
| Health Hazards | Acute toxicity (Inhalation: vapour) Category 4 |
| | Skin corrosion/irritation Category 2 |
| | Serious eye damage/eye irritation Category 2A |
| | Carcinogenicity Category 1A |
| | Reproductive toxicity Category 1A |
| | Specific target organ toxicity (single exposure) Category 2(visual organ, kidney, systemic toxicity, central nervous system) |
| | Specific target organ toxicity (single exposure) Category 3(narcotic effect, respiratory tract irritation) |
| | Specific target organ toxicity (repeated exposure) Category 1(nervous system) |
| | Specific target organ toxicity (repeated exposure) Category 2(central nervous system, hearing organ, liver, visual organ) |
| | Other hazards than mentioned above are Not classified or Classification not possible. |

GHS Label Elements

Pictograms

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| Signal Word | Danger |
| Hazard Statements | H225 Highly flammable liquid and vapour |
| | H315 Causes skin irritation |
| | H319 Causes serious eye irritation |
| | H332 Harmful if inhaled |
| | H335 May cause respiratory irritation |
| | H336 May cause drowsiness or dizziness |
| | H350 May cause cancer |
| | H360 May damage fertility or the unborn child |
| | H371 May cause damage to visual organ、kidney、systemic toxicity、central nervous system |

H372 Causes damage to nervous system through prolonged or repeated exposure

H373 May cause damage to liver、visual organ、central nervous system、hearing organ through prolonged or repeated exposure

Precautionary Statements

Prevention

Obtain special instructions before use.(P201)

Do not handle until all safety precautions have been read and understood.(P202)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.(P210)

Keep container tightly closed.(P233)

Ground and bond container and receiving equipment.(P240)

Use explosion-proof electrical, ventilating and lighting equipment.(P241)

Use non-sparking tools.(P242)

Take action to prevent static discharges.(P243)

Do not breathe dust/fume/gas/mist/vapours/spray.(P260)

Avoid breathing dust/fume/gas/mist/vapours/spray.(P261)

Wash hand thoroughly after handling.(P264)

Wash eye thoroughly after handling.(P264)

Do not eat, drink or smoke when using this product.(P270)

Use only outdoors or in a well-ventilated area.(P271)

Wear protective gloves/protective clothing/eye protection/face protection.(P280)

Response

IF ON SKIN: Wash with plenty of soap and water.(P302+P352)

IF ON SKIN or hair: Take off immediately all contaminated clothing. Rinse skin with water or shower.(P303+P361+P353)

IF INHALED: Remove person to fresh air and keep comfortable for breathing.(P304+P340)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.(P305+P351+P338)

IF exposed or concerned: Call a doctor.(P308+P311)

IF exposed or concerned: Get medical advice/attention.(P308+P313)

Call a doctor if you feel unwell.(P312)

Get medical advice and attention if you feel unwell.(P314)

Specific treatment.(P321)

If skin irritation occurs: Get medical advice/attention.(P332+P313)

If eye irritation persists: Get medical advice/attention.(P337+P313)

Take off contaminated clothing and wash it before reuse.(P362+P364)

In case of fire: Use appropriate media to extinguish.(P370+P378)

Storage

Store in a well-ventilated place. Keep container tightly closed.(P403+P233)

Store in a well-ventilated place. Keep cool.(P403+P235)

Store locked up.(P405)

Disposal: Dispose of contents and container in accordance with local, regional and national regulations (to be specified).(P501)

## Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance or Mixture: Mixture

| Chemical Name or Generic Name | Concentration or Its Ranges (wt%) | Formula | ENCS No./ISHL No. | | CAS RN |
|---|---|---|---|---|---|
| | | | ENCS No. | ISHL No. | |
| Methyl ethyl ketone | 85–90 | CH3CH2COCH3 | (2)–542 | Registered | 78–93–3 |
| Methanol | 1–3 | CH3OH | (2)–201 | Registered | 67–56–1 |
| Ethanol | 5–10 | CH3CH2OH | (2)–202 | Registered | 64–17–5 |
| 1–Butanol | 3–5 | CH3CH2CH2CH2OH | (2)–3049 | Registered | 71–36–3 |

## Section 4 – FIRST AID MEASURES

Inhalation:
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
IF exposed or concerned: Call a doctor.

Skin Contact:
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice and attention.
Specific treatment.
IF exposed or concerned: Call a doctor.

Eye Contact:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF exposed or concerned: Call a doctor.

Ingestion:
Rinse mouth.
IF SWALLOWED: Call a doctor if you feel unwell.
IF exposed or concerned: Call a doctor.

## Section 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media:
Use extinguishing agent suitable for type of surrounding fire.
When dust occurs, use dry sand.

Unsuitable Extinguishing Media: Cylindric water.

Specific Hazards in Case of Fire: Risk of producing harmful gases such as carbon monoxide. Avoid inhalation of smoke or gases.

Specific Fire Fighting:
Fight fire from upwind position if possible
Keep away from sources of ignition and use appropriate extinguishing media.
Prohibit unauthorized staff from entering the area around the fire.
Keep unnecessary people away.

Special Protective Equipment and Precautions for Fire Fighters: Use goggles in combination with dust mask, and another protections as appropriate to situation.

## Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:
Use goggles in combination with dust mask, and another protections as appropriate to situation.
Large spills :Evacuate area.
Ensure adequate ventilation.

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| Environmental Precautions | Do not discharge into the drains, surface waters or ground water directly. |
| Methods and Equipment for Containment and Cleaning Up | No information available |
| Prevention Measures for Secondary Accidents | Keep away from sources of ignition and prepare extinguishing media. |

Section 7 – HANDLING AND STORAGE

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|---|---|---|
| Handling | Technical Measures | Provide ventilation system and use necessary personal protective equipment as described in "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION".<br><br>Ground/bond container and receiving equipment.<br>Use only non-sparking tools.<br>Use explosion-proof electrical/ventilating/lighting.<br><br>Take precautionary measures against static discharge.<br><br>Use local exhaust ventilation in case of production of fume or mist.<br>Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. |
| | Precautions for Safe Handling | Keep cool.<br><br>Do not breathe dust/fume/gas/mist/vapours/spray.<br><br>Do not eat, drink or smoke when using this product.<br><br>Wash hands thoroughly after handling.<br>Use only outdoors or in a well-ventilated area.<br>Wear protective gloves/protective clothing/eye protection/face protection. |
| | Prevents Handling of Incompatible Substances or Mixtures | Refer to "Section 10 – STABILITY AND REACTIVITY". |
| Storage | Conditions for Safe Storage | Refer to "Section 10 – STABILITY AND REACTIVITY".<br><br>Store locked up.<br>Store container tightly closed in well-ventilated place. |

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

| | Japan Administration Level | Exposure Limits (Japan Society for Occupational Health) | TLVs (ACGIH) |
|---|---|---|---|
| Methyl ethyl ketone | 200ppm | 200ppm(590mg/m3) | TWA 200 ppm, STEL 300 ppm |
| Methanol | 200ppm | 200ppm(260mg/m3)(skin) | TWA 200 ppm, STEL 250 ppm (Skin) |
| Ethanol | Not listed | Not listed | TWA –, STEL 1000 ppm |
| 1-Butanol | 25ppm | 【Maximum allowable concentration: 】50ppm (150mg/m3) (skin) | TWA 20 ppm, STEL – |

| | Concentration standards specified by the Minister of Health, Labour and Welfare | |
|---|---|---|
| | Concentration standard value for 8-hours exposure | Concentration standard value for short-term exposure/ceiling |
| Methyl ethyl ketone | Not listed | Not listed |
| Methanol | Not listed | Not listed |
| Ethanol | Not listed | Not listed |
| 1-Butanol | Not listed | Not listed |

| | | |
|---|---|---|
| Engineering Controls | | Use local exhaust ventilation in case of production of fume or mist.<br>Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.<br>Use explosion-proof electrical equipment and prevent from static electrocity. |
| Personal Protective Equipment | Respiratory Protection | Select and wear appropriate respiratory protective equipment based on risk assessments and other measures. |
| | Hand Protection | Wear appropriate protective equipment, including impervious or impermeable safety gloves, as circumstances dictate.<br>Select and wear appropriate safety gloves based on risk assessments and other measures. |
| | Eye/Face Protection | Select and wear appropriate face and eye protection based on risk assessments and other measures. |
| | Skin and Body Protection | Wear appropriate protective equipment such as impervious and impermeable protective clothing and footwear, as circumstances dictate.<br>Select and wear appropriate protective clothing and footwear based on risk assessments and other measures. |

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

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|---|---|---|
| Physical State | | Liquid |
| Form | | Liquid |
| Colour | | Clear |
| Odour | | Solvent odor |
| Melting Point/Freezing Point | | -86.4℃ (as 2-Butanone) |
| Boiling Point or Initial Boiling Point and Boiling Ranges | | 79.6 ℃ (as 2-Butanone) |
| Flammability | | Flammability |
| Lower and Upper Explosion Limit / Flammability Limit | Lower Limit | 1.8vol% (as 2-Butanone) |
| | Upper Limit | 11.5vol% (as 2-Butanone) |
| Flash Point | | -6.3℃ (Tag Closed Cup) |
| Auto-Ignition Temperature | | 505℃ (as 2-Butanone) |
| Decomposition Temperature | | No data available |
| pH | | No data available |
| Kinematic Viscosity | | 0.5mm2/s |
| Solubility | | water: 29g/100mL (20℃) (as 2-Butanone) |
| Partition Coefficient : n-Octanol/Water | | 0.29(as 2-Butanone) |
| Vapour Pressure | | 10.5kPa (20℃) (as 2-Butanone) |
| Density and/or Relative Density | | 0.81 |
| Relative Gas Density | | 2.41 (Air＝1、as 2-Butanone) |
| Particle Characteristics | | No data available |
| as Methyl ethyl ketone | | |
| Melting Point/Freezing Point | | -86.4℃ |
| Boiling Point or Initial Boiling Point and Boiling Ranges | | 79.6℃ |

| | |
|---|---|
| Density and/or Relative Density | 0.8061 |
| as Methanol | |
| Melting Point/Freezing Point | −93.9℃ |
| Boiling Point or Initial Boiling Point and Boiling Ranges | 64.1℃, 59.4℃(610mmHg), 39.9℃(260mmHg), 15℃ (73mmHg) |
| Density and/or Relative Density | 0.866(−59℃/4℃), 0.81(0℃/4℃), 0.8006(10℃/4℃), 0.7910(20℃), 0.7964(15℃/15℃) |
| as Ethanol | |
| Boiling Point or Initial Boiling Point and Boiling Ranges | 78.3℃ |
| Density and/or Relative Density | 0.7892(20℃, 4℃) |
| as 1−Butanol | |
| Boiling Point or Initial Boiling Point and Boiling Ranges | 117.7℃ |
| Density and/or Relative Density | 0.81337(15℃, 4℃), 0.80978(20℃, 4℃) |

Section 10 − STABILITY AND REACTIVITY

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| Reactivity | Does not react dangerously under nomal conditions. |
| Chemical Stability | Stable under normal conditions of use. |
| Possibility of Hazardous Reaction | Flammable |
| Conditions to Avoid | There is a risk of explosion due to impacts, friction, flame and other source of ignition. |
| Incompatible Substances or Mixtures | No data available |
| Hazardous Decomposition Products | No data available |
| Other Data | No data available |

Section 11 − TOXICOLOGICAL INFORMATION

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|---|---|---|
| Acute Toxicity | Oral | Classified as Not classified since Category 5 is not adopted in JIS Z 7252. |
| | Dermal | Classified as Not classified since ATE is more than 2000(mg/kg). |
| | Inhalation | (gas)<br>Does not fall under gas based on GHS definitions.<br><br>(vapour)<br>Classified as Category 4 since ATE is 2500 to 20000(ppmV).<br>(dust and mist)<br>Classification not possible since lots of the concentrations of unknown ingredients. |
| Skin Corrosion/Irritation | | Classified as Category 2 since the sum of Category 2 ingredients is more than 10%. |
| Serious Eye Damage/Eye Irritation | | Classified as Category 2A since the sum of Eye Category 2A is more than 10%. |
| Respiratory Sensitization | | Unable to classify due to insufficient data. |
| Skin Sensitization | | Classification not possible since lots of the concentrations of unknown ingredients. |
| Germ Cell Mutagenicity | | Classification not possible since lots of the concentrations of unknown ingredients. |
| Carcinogenicity | | Classified as Category 1A since one of the Category 1A ingredients is more than 0.1%. |

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| Reproductive Toxicity | (Reproductive toxicity)<br>Classified as Category 1A since one of the Category 1A ingredients is more than 0.3%. |
| | (Reproductive toxicity, effects on or via lactation) |
| | Unable to classify due to insufficient data. |
| Specific Target Organ Toxicity (Single Exposure) | Classified as Category 2(visual organ) since one of the Category 1(visual organ) ingredients is 1 to 10%. |
| | Classified as Category 2(systemic toxicity) since one of the Category 1(systemic toxicity) ingredients is 1 to 10%. |
| | Classified as Category 2(central nervous system) since one of the Category 1(central nervous system) ingredients is 1 to 10%. |
| | Classified as Category 2(kidney) since one of the Category 2(kidney) ingredients is more than 10%. |
| | Classified as Category 3(narcotic effect) since the sum of Category 3(narcotic effect) ingredients is more than 20%. |
| | Classified as Category 3(respiratory tract irritation) since the sum of Category 3(respiratory tract irritation) ingredients is more than 20%. |
| Specific Target Organ Toxicity (Repeated Exposure) | Classified as Category 2(central nervous system) since one of the Category 1(central nervous system) ingredients is 1 to 10%. |
| | Classified as Category 2(hearing organ) since one of the Category 1(hearing organ) ingredients is 1 to 10%. |
| | Classified as Category 2(visual organ) since one of the Category 1(visual organ) ingredients is 1 to 10%. |
| | Classified as Category 2(central nervous system) since one of the Category 1(central nervous system) ingredients is 1 to 10%. |
| | Classified as Category 1(nervous system) since one of the Category 1(nervous system) ingredients is more than 10%. |
| | Classified as Category 2(liver) since one of the Category 1(liver) ingredients is 1 to 10%. |
| Aspiration Hazard | Unable to classify due to insufficient data. |

Section 12 – ECOLOGICAL INFORMATION

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| Hazardous to the Aquatic Environment, Short-Term (Acute) | Classified as Not classified since the sum of (M × 100 × Category 1) + (10 × Category 2) + Category 3 ingredients is less than 25%. |
| Hazardous to the Aquatic Environment, Long-Term (Chronic) | Classified as Not classified since the sum of (M × 100 × Category 1) + (10 × Category 2) + Category 3 ingredients is less than 25%. |
| Ecotoxicity | No data available |
| Persistence | No data available |
| Bioaccumulative Potential | No data available |
| Mobility in Soil | No data available |
| Hazardous to the Ozone Layer | Unable to classify due to insufficient data. |

Section 13 – DISPOSAL CONSIDERATIONS

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| Residual waste | Because waste materials such as liquid waste, paper towels used to wipe it up, or empty containers are flammable combustible materials, the section on "specially controlled industrial waste(Flammable waste oil)" from the Waste Management and Public Cleaning Law (Waste Management Law) is applicable. |

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| | | Either appropriately process in accordance with Waste Management and Public Cleaning Law, or commission a contractor licensed for transport or disposal of industrial waste requiring special management.<br>Do not let wastewater, etc. used for cleaning machinery or containers flow directly onto the groundor in to the culverts.<br>For waste materials generated by wastewater treatment, incineration, etc. either carry out processingin accordance with the Waste Management and Public Cleaning Law and related laws and regulations, or commission a licensed vendor to do so.<br>When incinerating of waste materials, etc., do not use an incinerator without cleaning equipment, as harmful gas will be generated.<br>Clarify the contents of waste materials and entrust disposal to a waste disposal company. |
| | Contaminated containers and packaging | Empty containers should be treated as industrial wastes and not allowed to contain waste. |

Section 14 – TRANSPORT INFORMATION

| | | |
|---|---|---|
| International Regulations | Regulatory Information by Sea | Conform to the provisions of IMO. |
| | UN No. | 1210 |
| | Proper Shipping Name | PRINTING INK RELATED MATERIAL |
| | Class | 3 |
| | Packing Group | Ⅱ |
| | Marine Pollutant | Not applicable |
| | Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex Ⅱ, the IBC Code | Not applicable |
| | Regulatory Information by Air | Conform to the provisions of ICAO/IATA. |
| | UN No. | 1210 |
| | Proper Shipping Name | PRINTING INK RELATED MATERIAL |
| | Class | 3 |
| | Packing Group | Ⅱ |
| Regulations in Japan | Regulatory Information by Road or Rail | Complies with the Fire Service Act. |
| | Regulatory Information by Sea | Conform to the provisions of the Ship Safety Law. |
| | UN No. | 1210 |
| | Proper Shipping Name | PRINTING INK RELATED MATERIAL |
| | Class | 3 |
| | Packing Group | Ⅱ |
| | Marine Pollutant | Not applicable |
| | Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex Ⅱ, the IBC Code | Not applicable |
| | Regulatory Information by Air | Conform to the provisions of the Civil Aeronautics Law. |
| | UN No. | 1210 |
| | Proper Shipping Name | PRINTING INK RELATED MATERIAL |
| | Class | 3 |
| | Packing Group | Ⅱ |
| Emergency Response Guide Number | | 130 |

Section 15 – REGULATORY INFORMATION

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As far as we know, the information that is listed here is accurate. However, the above-mentioned suppliers or their subsidiaries shall not be liable for the accuracy or completeness of the information described above.

| | |
|---|---|
| Industrial Safety and Health Act | Ordinance on the Prevention of Organic Solvent Poisoning Paragraph 1 Article 1 part 4 (Second-class organic solvents, etc.), Enforcement Ordinance 2 of Appendix 6<br>the standards for work environment monitoring Article 65 part 2-1<br><br>Dangerous or Harmful Substances Subject to Be Indicated their Names, etc.<br>(Article 57 part 1 ,Order Article 18 part 1 and 2, Attached Table9)<br><br>Dangerous Substances -Flammable substances(Order Article Appended Table 1 part 4)<br>Hazardous Substances to be notified in terms of Whose Names,etc .(Article 57 part 2 ,Order Article 18 part 2-1and part 2, Attached Table9)<br>Ethanol(Number:61) (Trade Secrets)<br>Butanol(Number:477) (Trade Secrets)<br>Methanol(Number:560) (Trade Secrets)<br>Methyl ethyl ketone(Number:570) (Trade Secrets)<br>Materials for special medical examinations and current handling workers(Industrial Safety and Health Act66 2 and Order for Enforcement of Industrial Safety and Health Act Article 22 (i))<br><br>Chemical substances that damage the skin, etc., and harmful substances that absorb the skin (List of substances subject to Article 594-2, Paragraph 1 of the Safety and Health Regulations, 0531-9 issued on May 31, Reiwa 4, and 0704-1 and 5 of July 4, Reiwa 5)<br><br>Methanol<br>Methyl ethyl ketone<br>1-Butanol |
| Substances subject to labeling and SDS issuance based on the Industrial Safety and Health Act (scheduled to come into effect on April 1, Reiwa 7) | Dangerous goods and hazardous goods whose names, etc. should be notified (Article 57-2, Paragraph 1 of the Act, Article 18-2, Item 2 ~ Item 3 of the Enforcement Order, Article 34-2 Appended Table 2 of the Safety and Health Regulations)<br><br>Isobutyl alcohol and 1-butanol(Number:1705) (Trade Secrets) |
| Poisonous and Deleterious Substances Control Act | Not applicable |
| Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof | Not applicable |
| Act on the Regulation of Manufacture and Evaluation of Chemical Substances | Priority Assessment Chemical Substances(Article 2 part 5) |
| Fire Service Act | Hazardous Materials Category IV inflammable liquids Class I petroleums water-soluble Packing Group Ⅱ |
| Narcotics and Psychotropics Control Act | raw materials for Narcotics or Psychotropics(Appended Table IV part 9, Order Article 4) |
| Foreign Exchange and Foreign Trade Act | Import Trade Control Order Appended Table I part 16<br><br>Import Trade Control Order Appended Table Ⅱ (Import Approval ) |
| Ship Safety Law | Flammable liquids(Order Article 3,Appended Table I) |
| Aviation Law | Flammable liquids(Order Article 194,Appended Table I) |

Section 16 - OTHER INFORMATION

As far as we know, the information that is listed here is accurate. However, the above-mentioned suppliers or their subsidiaries shall not be liable for the accuracy or completeness of the information described above.

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|---|---|
| Industrial Safety and Health Act | Second-class organic solvents, etc.contain more than 5% of Second-class organic solvents. |
| | In the "15. Applicable laws" column, the materials for which label and SDS will be mandated are also listed. (Substance without a decree number.) Reiwa based on 0111 No. 1 from the Kiankahatsu, on January 11, 2022. ) |
| | In the case where "composition and ingredient information" corresponds to the secret of the business, the description of the content is the conventional range display. However, it is possible to notify us separately by the method of information transmission agreed with the customer, such as a confidentiality agreement. For more information, please contact our sales representative. |
| | 2-butanone and methyl ethyl ketone, MEK and ethyl methyl ketone are the same substances. |
| Act on the Regulation of Manufacture and Evaluation of Chemical Substances | We have a Priority Assessment Chemical Substance posting threshold of 0.1% or more. |
| | The posting of a Priority Assessment Chemical Substance in SDS is as of November 2019 as an effort. |
| Foreign Exchange and Foreign Trade Act | In law, printing inks are not approved for export |
| Fire Service Act | The flash point of Class I petroleums is less than 21 ° c. |
| Poisonous and Deleterious Substances Control Act | The deleterious substances is only applicable to the material, and the mixture is non-applicable. |
| RoHS Specified Substance Concentration | Substances treated as equipment are exempt from this law.<br>Cd<100ppm Pb, Hg, Cr(VI), PBB, PBDE, DEHP, DBP, BBP, DIBP <1000ppm |
| Allowable concentration | TLV-TWA：Threshold Limit Values-Time Weighted Average STEL (Short Term Exposure Limit |
| Standards | JIS Z7253:2019 |
| Cited Literature | 1) International Chemical Safety Cards<br>2) National Institute of Technology and Evaluation (NITE), Japan |
| | 3) Site for Safe Workplace by Ministry of Health, Labour and Welfare, Japan<br>4) EZSDS（JCDB） |
| Additional Information about This Product: | To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. |