

This SDS complies with the US OSHA HCS 2012.

## 1. Product and Company Identification

**Product Name:** 1419K  
**Company Name:** Hitachi Industrial Equipment & Solutions America, LLC  
 75 NW Point Blvd Suite D,  
 Elk Grove Village, IL 60007  
**Phone Number:** (800)627-5464  
**Web site address:** [hhttps://mc.hitachi-iesa.com](https://mc.hitachi-iesa.com)  
**Emergency Contact:** Chemtrec (800)424-9300  
**Information:**  
**Intended Use:** Printing ink for industrial inkjet printers.

## 2. Hazards Identification

**Flammable Liquids, Category 2**  
**Serious Eye Damage/Eye Irritation, Category 1**  
**Specific Target Organ Toxicity (single exposure), Category 3**  
**Aquatic Toxicity (Acute), Category 2**  
**Aquatic Toxicity (Chronic), Category 2**



**GHS Signal Word:** **Danger**

**GHS Hazard Phrases:** H225 - Highly flammable liquid and vapor.  
 H318 - Causes serious eye damage.  
 H335 - May cause respiratory irritation.  
 H336 - May cause drowsiness or dizziness.  
 H411 - Toxic to aquatic life with long lasting effects.  
 H302+332 - Harmful if swallowed or if inhaled.  
 H371 - May cause damage to organs .

**GHS Precautionary Phrases:** P201 - Obtain special instructions before use.  
 P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P233 - Keep container tightly closed.  
 P240 - Ground/bond container and receiving equipment.  
 P241 - Use explosion-proof electrical/ventilating/lighting/printing equipment.  
 P242 - Use only non-sparking tools.  
 P243 - Take precautionary measures against static discharge.  
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P273 - Avoid release to the environment.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P235 - Keep cool.  
 P270 - Do not eat, drink or smoke when using this product.  
 P264 - Wash hands thoroughly after handling.

**GHS Response Phrases:** P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position

comfortable for breathing.

P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER or doctor/physician.

P370+378 - In case of fire, use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide to extinguish.

P391 - Collect spillage.

P331 - Do NOT induce vomiting.

P309+311 - Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

P330 - Rinse mouth.

P337+313 - If eye irritation persists, get medical advice/attention.

P332+313 - If skin irritation occurs, get medical advice/attention.

P363 - Wash contaminated clothing before reuse.

P403+233 - Store container tightly closed in well-ventilated place.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local regulations.

**GHS Storage and Disposal Phrases:**

**Emergency Overview:**

Flammable (USA) Highly Flammable (EU). Irritant.

Explosive when dry. Irritating to eyes and skin.

Target organs: Nerves. Kidneys.

**Potential Health Effects (Acute and Chronic):**

Hazards not otherwise classified (HNOC) or not covered by GHS.

**Inhalation:**

Inhalation of vapors may cause drowsiness and dizziness. May cause central nervous system effects such as nausea and headache. May cause respiratory irritation.

**Skin Contact:**

Repeated exposure may cause skin dryness or cracking. May be absorbed through the skin in harmful amounts.

**Eye Contact:**

Causes eye irritation. Vapors may be irritating. May cause eye irritation and possible damage.

**Ingestion:**

May cause irritation of the digestive tract. May cause central nervous system depression. Possible aspiration hazard.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
78-93-3	Methyl ethyl ketone	70.0 -80.0 %
67-63-0	Isopropyl alcohol	< 5.0 %
9004-70-0	Nitrocellulose	< 5.0 %
NA	Proprietary Chrome Complex	< 5.0 %
25359-84-6	Phenol-. alpha.-pinene resin	< 5.0 %
2530-83-8	3-Glycidoxypropyltrimethoxysilane	< 5.0 %

### 4. First Aid Measures

<b>Emergency and First Aid Procedures:</b>	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
<b>In Case of Inhalation:</b>	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician. Remove victim to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
<b>In Case of Skin Contact:</b>	Wash off with soap and plenty of water. Consult a physician. Flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.
<b>In Case of Eye Contact:</b>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid. If eye irritation persists, get medical advice/attention.
<b>In Case of Ingestion:</b>	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Wash out mouth with water provided person is conscious. Call a physician.
<b>Signs and Symptoms Of Exposure:</b>	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
<b>Indication of any immediate medical attention and special treatment needed:</b>	No data available.
<b>Note to Physician:</b>	Treat symptomatically and supportively.

### 5. Fire Fighting Measures

<b>Flash Point:</b>	> -2.30 C (27.9 F) Method Used: TAG Closed Cup
<b>Explosive Limits:</b>	LEL: No data N.E. UEL: No data N.E.
<b>Autoignition Pt:</b>	No data.
<b>Suitable Extinguishing Media:</b>	Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Water may be ineffective.
<b>Unsuitable Extinguishing Media:</b>	Do not use water jet.
<b>Fire Fighting Instructions:</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Extremely flammable liquid and vapor. Vapor may cause flash fire. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas.
<b>Flammable Properties and Hazards:</b>	Flash back possible over considerable distance. Container explosion may occur under fire conditions. Vapor may travel considerable distance to source of ignition and flash back.
<b>Hazardous Combustion Products:</b>	Carbon oxides, nitrogen oxides.

### 6. Accidental Release Measures

<b>Protective Precautions, Protective Equipment and Emergency Procedures:</b>	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.
<b>Environmental Precautions:</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	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). Evacuate area. Shut off all sources of ignition. Use nonsparking tools.

### 7. Handling and Storage

<b>Precautions To Be Taken in Handling:</b>	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. Ground and bond containers when transferring material. For precautions see section 2.2. Container explosion may occur under fire conditions. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous.
<b>Precautions To Be Taken in Storing:</b>	Keep container tightly closed in a cool, dry, and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Hygroscopic. Storage class 510) Keep container closed. Keep away from heat, sparks, and open flame. Store away from heat and direct sunlight.
<b>Other Precautions:</b>	Apart from the uses mentioned in section 1 no other specific uses are stipulated.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
78-93-3	Methyl ethyl ketone	PEL: 200 ppm	TLV: 200 ppm STEL: 300 ppm	No data.
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.
9004-70-0	Nitrocellulose	No data.	No data.	No data.
NA	Proprietary Chrome Complex	No data.	No data.	No data.
25359-84-6	Phenol-. alpha.-pinene resin	No data.	No data.	No data.
2530-83-8	3-Glycidoxypropyltrimethoxysilane	No data.	No data.	No data.

**Personal Protective Equipment Symbols:**


<b>Respiratory Equipment (Specify Type):</b>	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
<b>Eye Protection:</b>	Wear chemical splash goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Chemical safety goggles.
<b>Protective Gloves:</b>	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good

laboratory practices. Wash and dry hands. Splash contact:  
 Material: butyl-rubber Minimum layer thickness: 0.3 mm Break through time: 292 min.  
 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves.  
 This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

**Other Protective Clothing:**

Wear appropriate protective clothing to prevent skin exposure. Impervious clothing. Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Engineering Controls (Ventilation etc.):**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Ventilation fans and other electrical service must be non-sparking and have an explosion-proof design.

**Work/Hygienic/Maintenance Practices:**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Wash thoroughly after handling.

**Environmental Exposure Controls:**

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

### 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas    [ X ] Liquid    [ ] Solid
<b>Appearance and Odor:</b>	Black. solvent odor. Odor Threshold: Not Determined
<b>pH:</b>	No data
<b>Melting Point:</b>	-89.50 C (-129.1 F) - 129.10 C (264.4 F)
<b>Boiling Point:</b>	80.00 C (176.0 F) - 83.00 C (181.4 F)
<b>Flash Point:</b>	> -2.30 C (27.9 F)    TAG Closed Cup
<b>Evaporation Rate:</b>	No data
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive Limits:</b>	LEL: No data N.E.    UEL: No data N.E.
<b>Vapor Pressure:</b>	No data
<b>Vapor Density (vs. Air=1):</b>	No data
<b>Specific Gravity (Water=1):</b>	0.87 at 25.0 C (77.0 F)
<b>Density:</b>	0.820 G/CM3
<b>Solubility in Water:</b>	No data
<b>Saturated Vapor Concentration:</b>	No data
<b>Octanol/Water Partition Coefficient:</b>	Not determined
<b>Autoignition Pt:</b>	No data.
<b>Decomposition Temperature:</b>	NE
<b>Viscosity:</b>	No data

**Minimum ignition energy:** Not determined

**Explosive Properties:** No data available.

**Information on other hazards:** No data available.

## 10. Stability and Reactivity

**Reactivity:** No data available.

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid - Instability:** Exposure to moisture. Heat, flames and sparks. Extremes of temperature and direct sunlight.

**Incompatibility - Materials To Avoid:** Oxidizing agents, Strong reducing agents.

**Hazardous Decomposition or Byproducts:** No data available. In the event of fire: see section 5.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid - Hazardous Reactions:** Vapors may form explosive mixture with air.

## 11. Toxicological Information

**Toxicological Information:** Acute toxicity.

Germ cell mutagenicity: No data available.

Reproductive toxicity. Aspiration hazard: ROUTE OF EXPOSURE:

Skin Contact: Causes skin irritation.

Skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes eye irritation.

Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

TARGET ORGAN(S) OR SYSTEM(S)

Kidneys. Liver. Cardiovascular system. Gastrointestinal System. Nerves.

CAS# 67-63-0:

1. Acute toxicity, TDLo, Oral, Human, 14432. MG/KG.

Result:

Behavioral: Coma.

Vascular: BP lowering not characterized in autonomic section.

Lungs, Thorax, or Respiration: Dyspnea.

- New England Journal of Medicine., Massachusetts Medical Soc., 10 Shattuck St., Boston, MA 02115, Vol/p/yr: 277,699, 1967

2. Acute toxicity, TDLo, Oral, Human, 223.0 MG/KG.

Result:

Behavioral: Hallucinations, distorted perceptions.

Cardiac: Pulse rate.

Vascular: BP lowering not characterized in autonomic section.

- Journal of Laboratory and Clinical Medicine., C.V. Mosby Co., 11830 Westline Industrial Dr., St. Louis, MO 63146, Vol/p/yr: 12,326, 1927

3. Acute toxicity, LDLO, Oral, Human, 3570. MG/KG.

Result:

Behavioral: Coma.

Lungs, Thorax, or Respiration: Respiratory depression.

Gastrointestinal: Nausea or vomiting.

- "Toxicology of Drugs and Chemicals", Deichmann, W.B., Academic Press, Inc., New York, Vol/p/yr: -,339, 1969

4. Acute toxicity, LDLO, Route of Application: Unreported., Human, 2770. MG/KG.

Result:

Biochemical: Enzyme inhibition, induction, or change in blood or tissue levels:

Cytochrome oxidases (including oxidative phosphorylation).

- Poisoning; Toxicology, Symptoms, Treatments, 2nd ed., Arena, J.M., C.C. Thomas, Springfield, IL, Vol/p/yr: 2,73, 1970

5. Acute toxicity, LD50, Oral, Mouse, 3600. MG/KG.

Result:

Behavioral: Altered sleep time (including change in righting reflex).

Behavioral: Somnolence (general depressed activity).

- Gigena i Sanitariya, Mezhdunarodnaya Kniga, ul. B. Yakimanka, 39, 113095, Moscow 113095 Russia, Vol/p/yr: 43(1),8, 1978

6. Acute toxicity, LCLO, Inhalation, Mouse, 12800. PPM, 3 H.

Result:

Maternal Effects: Other effects.

- Interagency Collaborative Group on Environmental Carcinogenesis, National Cancer Institute, Memorandum, June 1, Vol/p/yr: 17JU, 1974

7. Acute toxicity, LD50, Intraperitoneal, Mouse, 4477. MG/KG.

Result:

Skin and Appendages: Skin: After topical exposure: Dermatitis, allergic.

- EHP, Environmental Health Perspectives., U.S. Government Printing Office, Supt of Documents, Washington, DC 20402, Vol/p/yr: 61,321, 1985

8. Acute toxicity, LD50, Intravenous, Mouse, 1509. MG/KG.

Result:

Lungs, Thorax, or Respiration: Fibrosis, focal (pneumoconiosis).

Lungs, Thorax, or Respiration: Acute pulmonary edema.

- EHP, Environmental Health Perspectives., U.S. Government Printing Office, Supt of Documents, Washington, DC 20402, Vol/p/yr: 61,321, 1985

9. Acute toxicity, LD50, Oral, Species: Rabbit, 6410. MG/KG.

Result:

Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).

Effects on Newborn: Biochemical and metabolic.

- FAO Nutrition Meetings Report Series., Vol/p/yr: 48A,114, 1970

10. Acute toxicity, LD50, Skin, Species: Rabbit, 12800. MG/KG.

Result:

Specific Developmental Abnormalities: Respiratory system.

- Raw Material Data Handbook, Vol.1: Organic Solvents, 1974., National Assoc. of Printing Ink Research Institute, Francis McDonald Sinclair Memorial Labor, Lehigh Univ., Bethlehem, PA 18015, Vol/p/yr: 1,100, 1974

11. Acute toxicity, LD50, Intraperitoneal, Species: Rabbit, 667.0 MG/KG.

Result:

Specific Developmental Abnormalities: Craniofacial (including nose and tongue).

- EHP, Environmental Health Perspectives., U.S. Government Printing Office, Supt of Documents, Washington, DC 20402, Vol/p/yr: 61,321, 1985

12. Acute toxicity, TCLo, Inhalation, Human, 35.00 ppm.

Result:

Cardiac: Pulse rate decreased with fall in BP.

Lungs, Thorax, or Respiration: Other changes.

- Neurotoxicology., Intox Press, Inc., POB 34075, Little Rock, AR 72203, Vol/p/yr: 24,179, 2003

13. Acute toxicity, LDLO, Route of Application: Unreported., Human, 2.000 mL/kg.

Result:

Specific Developmental Abnormalities: Central nervous system.

Specific Developmental Abnormalities: Craniofacial (including nose and tongue).

Specific Developmental Abnormalities: Other developmental abnormalities.

- Japanese Journal of Toxicology, Yakugyo Jihosha, Hokushin Bldg., 2-36 Jinbo-cho, Kanda, Chiyoda, Tokyo 101 Japan, Vol/p/yr: 12,341, 1999

14. Standard Draize Test, Skin, Species: Rabbit, 500.0 MG.

Result:

Tumorigenic: Carcinogenic by RTECS criteria.

Liver: Tumors.

Blood: Leukemia.

- National Technical Information Service, Vol/p/yr: AD-A106-94,

15. Standard Draize Test, Eyes, Species: Rabbit, 100.0 MG.

Result:

Tumorigenic: Carcinogenic by RTECS criteria.

Liver: Tumors.

Blood: Leukemia.

- American Journal of Ophthalmology., Ophthalmic Pub. Co., 435 N. Michigan Ave., Suite 1415, Chicago, IL 60611, Vol/p/yr: 29,1363, 1946

CAS# 9004-70-0:

1. Acute toxicity, LD50, Oral, Rat, > 5.000 GM/KG.

Result:

Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).

- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 33,159, 1975

2. Acute toxicity, LD50, Oral, Mouse, > 5.000 GM/KG.

Result:

Paternal Effects: Spermatogenesis (including genetic material, sperm morphology, motility, and count).

- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 33,159, 1975

**Irritation or Corrosion:**

Skin corrosion/irritation.

Result: Tumorigenic: Tumors at site or application. No skin irritation. (OECD Test Guideline 404) Serious eye damage/eye irritation Eyes -Rabbit

<b>Sensitization:</b>	Irritating to eyes . Provide adequate ventilation. Mild eye irritation Serious eye damage/eye irritation Eyes -rabbit. Serious eye damage/eye irritation: Eyes - rabbit -
<b>Chronic Toxicological Effects:</b>	No data available.
<b>Carcinogenicity/Other Information:</b>	Specific target organ toxicity - single exposure: May cause drowsiness or dizziness. Specific target organ toxicity -repeated exposure: no data available. Inhalation. Oral. Specific target organ toxicity - repeated exposure: Carcinogen. Result: Tumorigenic:Tumors at site or application.  IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification. IARC: 3 -Group 3: Not classifiable as to its carcinogenicity to humans.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
78-93-3	Methyl ethyl ketone	n.a.	n.a.	n.a.	n.a.
67-63-0	Isopropyl alcohol	n.a.	3	A4	n.a.
9004-70-0	Nitrocellulose	n.a.	n.a.	n.a.	n.a.
NA	Proprietary Chrome Complex	n.a.	n.a.	n.a.	n.a.
25359-84-6	Phenol-. alpha.-pinene resin	n.a.	n.a.	n.a.	n.a.
2530-83-8	3-Glycidoxypropyltrimethoxysilane	n.a.	n.a.	n.a.	n.a.

### 12. Ecological Information

<b>Results of PBT and vPvB assessment:</b>	No data available. PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
<b>Persistence and Degradability:</b>	No data available.
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.
<b>Other adverse effects:</b>	No data available.

### 13. Disposal Considerations

<b>Waste Disposal Method:</b>	Product: Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Observe all federal, state, and local environmental regulations. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.  Contaminated packaging: Observe all federal, state, and local environmental regulations. Dispose of as unused product.
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### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Printing ink.  
**DOT Hazard Class:** 3 FLAMMABLE LIQUID  
**UN/NA Number:** UN1210 **Packing Group:** II


**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** Printing ink.  
**UN Number:** UN1210 **Packing Group:** II  
**Hazard Class:** 3 - FLAMMABLE LIQUID **TDG Classification:**

**LAND TRANSPORT (European ADR/RID):**

**ADR/RID Shipping Name:** Printing ink.  
**UN Number:** UN1210 **Packing Group:** II  
**Hazard Class:** 3 - FLAMMABLE LIQUID

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Printing ink.  
**UN Number:** UN1210 **Packing Group:** II  
**Hazard Class:** 3 - FLAMMABLE LIQUID

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Printing ink.  
**UN Number:** UN1210 **Packing Group:** II  
**Hazard Class:** 3 - FLAMMABLE LIQUID

### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
78-93-3	Methyl ethyl ketone	No	Yes NA	No
67-63-0	Isopropyl alcohol	No	No	Yes (5%)
9004-70-0	Nitrocellulose	No	No	No
NA	Proprietary Chrome Complex	No	No	No
25359-84-6	Phenol- alpha.-pinene resin	No	No	No
2530-83-8	3-Glycidoxypropyltrimethoxysilane	No	No	No

**EPA SARA Title III Section 313 Toxic Release Inventory.**

This product contains a toxic chemical or chemicals subject to the reporting requirements of EPCRA Section 313 (40 CFR Section 372).

**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Explosive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Acute toxicity (any route of exposure)
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Flammable (gases, aerosols, liquid, or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Skin Corrosion or Irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Oxidizer (liquid, solid or gas)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Serious eye damage or eye irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-reactive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Respiratory or Skin Sensitization
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric (liquid or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Germ cell mutagenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Carcinogenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-heating	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Reproductive toxicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Organic peroxide	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Specific target organ toxicity (single or repeated exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corrosive to metal	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Aspiration Hazard
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Gas under pressure (compressed gas)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Simple Asphyxiant
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In contact with water emits flammable gas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(Health) Hazard Not Otherwise Classified (HNOC)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Combustible Dust		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Physical) Hazard Not Otherwise Classified (HNOC)		

## California Proposition 65



### WARNING

This product can expose you to chemicals including Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
78-93-3	Methyl ethyl ketone	TSCA: Inventory CA TAC, Title 8: TAC: Cat. IIa, Title 8 NC TAP: Yes: NC TAP
67-63-0	Isopropyl alcohol	TSCA: Inventory CA TAC, Title 8: TAC: Cat. IIb, Title 8
9004-70-0	Nitrocellulose	TSCA: Inventory
NA	Proprietary Chrome Complex	TSCA: Inventory
25359-84-6	Phenol-. alpha.-pinene resin	TSCA: Inventory
2530-83-8	3-Glycidoxypropyltrimethoxysilane	TSCA: Inventory, 8A
CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
78-93-3	Methyl ethyl ketone	Mexico INSQ: 1193 Japan ENCS: 2-542 Germany WHCS: 150: WGK 1 Switzerland Giftliste 1: G-2429 REACH: (P), 01-2119457290-43: Full
67-63-0	Isopropyl alcohol	Mexico INSQ: 1219 Japan ENCS: 2-207 Japan ISHL: 2-(8)-319 Israel HSL: Cat. Germany WHCS: 135: WGK 1 Switzerland Giftliste 1: G-1712 REACH: (P), 01-2119457558-25: Full
9004-70-0	Nitrocellulose	Japan ENCS: 8-176 Switzerland Giftliste 1: G-8365 REACH: (P)
NA	Proprietary Chrome Complex	
25359-84-6	Phenol-. alpha.-pinene resin	Japan ENCS: 7-667 REACH: (P)
2530-83-8	3-Glycidoxypropyltrimethoxysilane	Japan ENCS: 2-2962 Germany WHCS: 2622: WGK 2 REACH: (P), 01-2119513212-58: Full

## 16. Other Information

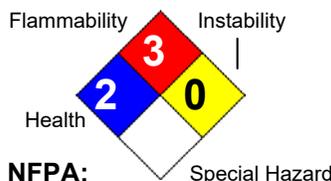
**Revision Date:** 09/26/2024 **Previous revision:** 05/02/2023

**Hazard Rating System:**

HEALTH	2
FLAMMABILITY	3
PHYSICAL	0
PPE	B

**HMIS:**

**Previous revision:** 05/02/2023



**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 presented in this document. Final determination of suitability of any material is the sole responsibility of the user to follow local, state and federal laws and regulations in regards to handling of hazardous materials. Although certain hazards are described herein, unknown hazards

# SAFETY DATA SHEET

## 1419K

Revision: 09/26/2024

Supersedes Revision: 05/02/2023

may exist and caution should always be exercised.