

SAFETY DATA SHEET

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01 PRODUCT AND COMPANY IDENTIFICATION

Product Name:

Product Code: V7912

Recommended Use: Printing Ink: Offset

Address:

Phone:

Fax:

Initials of Country:

02 HAZARDS IDENTIFICATION

GHS Classification:

Respiratory Tract Irritation	Category 1B
Skin Irritant	Category 2
Aspiration Toxicity	Category 1
Skin Sensitation	Category 1A
Serious Eye Damage/Irritation	Category 2A

APPEARANCE AND ODOR: Clear/brown heavy liquid, Oily smell

SIGNAL WORD: **DANGER**

HAZARD PICTOGRAMS AND STATEMENTS:



PHYSICAL HAZARDS

H315 Causes Skin Irritation

H304 May be fatal if swallowed and enters airway

H320 Causes eye irritation

H335 May cause respiratory irritation

PRECAUTIONARY STATEMENTS

PREVENTION

P264 Wash hands thoroughly after handling

P261 Avoid breathing dust / fumes / gas / mist / vapors / spray.

P280 Wear protective gloves / protective clothing / eye prevention / face protection.

RESPONSE

P301+P310 If swallowed: Immediately call a Poison Center/doctor...

P302+P350 IF ON SKIN: Gently wash with plenty of soap and water.

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

STORAGE:

Not applicable

03. COMPOSITION/INFORMATION ON INGREDIENTS*For Mixtures:*

Chemical Name	Cas No. and other unique identifiers	Concentration
Petroleum Distillate	64742-47-8	2-5%
Cobalt Carboxylate	136-52-7	<0.15%
Cobalt Carboxylate	136-52-7	<0.35%
Manganese Carboxylate	15956-58-8	<0.20%
Zirconium Carboxylate	22464-99-9	<0.05%
Potassium Carboxylate	3164-85-0	<0.30%
Silica, amorphous	7631-86-9	13-14%
Mineral spirits	8052-41-3	<0.70%
Ethylene glycol n-butly ether	111-76-2	<0.70%
Eosin, polymer with tung oil	66071-19-0	26-30%

04. FIRST AID MEASURES*Inhalation:*

Allow the victim to rest in a well ventilated area. Consult a doctor if the victim continues to feel unwell.

Skin contact:

If in contact with skin, wash immediately with plenty of soap and water. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

Ingestion:

If appreciable quantities have been swallowed, seek medical attention. Do not induce vomiting.

05. FIRE FIGHTING MEASURES*Flashpoint:*

None

Auto ignition:

Will not occur

LEL:

1.1

UEL:

N/A

Flammable Limits

N/A

Extinguishing Media:

Water spray, foam or dry chemical

Unusual Fire/Explosion Hazards:

Dense smoke may be generated when burning. Carbon monoxide, carbon dioxide and other oxides may be generated as products of combustion.

Hazardous Combustion Products:

Hydrocarbons, carbon monoxide (CO), soot, smoke.

FIRE FIGHTING EQUIPMENT:

Firefighters and others who are exposed should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

06. ACCIDENTAL RELEASE MEASURES*Personal Precautions:*

Use personal protection recommended in Section 8.

Environmental Precautions:

Keep out of drains and water courses.

Small Spills: Absorb small spills with an inert material and then place in a chemical waste container. Refer to section 13 for disposal information and Sections 14 and 15 for reportable quantity information.

Large Spills: Contain large spills with dikes and transfer the material to appropriate containers for reclamation or disposal. Absorb remaining material with an inert material such as sand. Clean spill area with detergent.

07. HANDLING AND STORAGE

Handling Precautions: Wear all appropriate Personal Protective Equipment (PPE). Use the product in a manner which minimizes splashes. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Use with adequate ventilation. Wash exposed skin thoroughly after handling.

Storage Requirements: Containers should be stored away from heat. Keep containers tightly closed and in a dry place.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Safety showers, eyewash station and adequate ventilation.

Exposure Guidelines: No specific occupational exposure limit has been established.

Eye Protection: Safety glasses are recommended. Have eye flushing equipment available.

Hand Protection: Use of gloves or barrier cream recommended. Do not apply barrier cream after exposure. Consult the glove/clothing manufacturer to determine the appropriate type of glove or clothing for use with this material in your specific application.

Body Protection: Wash contaminated skin thoroughly and promptly with mild soap and water. Do not use solvents, as these can penetrate the skin and cause irritation. Launder contaminated clothing and clean protective equipment before reuse.

Respiratory Protection: Avoid breathing vapor or mist. Lack of local mechanical exhaust ventilation at point of use may require the use of respirators.

09. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Clear/brown heavy liquid

pH Value: Not determined

Boiling Range: > 300 F

Vapor Pressure (mmHg): Not determined

Vapor Density: Heavier than air

Flash Point: > 200 F

Specific Gravity (color dependent): 1.02

LBS. VOC/Gallon of Ink:: 2.58

% VOC (WT): 32

10. STABILITY AND REACTIVITY

<i>Reactivity:</i>	Stable
<i>Chemical stability:</i>	Stable
<i>Possibility of hazardous reactions:</i>	No hazardous reactions when stored and handled according to instructions. This product is chemically stable.
<i>Conditions to avoid:</i>	No specific data.
<i>Incompatibilities:</i>	No specific data.
<i>Hazardous Decomposition Products:</i>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute effects of exposure:

<i>Inhalation:</i>	<i>The inhalation of airborne droplets or aerosols may cause irritation of the respiratory tract.</i>
<i>Ingestion:</i>	<i>Irritating to the mouth, throat and stomach.</i>
<i>Skin contact:</i>	<i>Avoid skin contact. Slight to moderate irritant. May cause allergic reaction.</i>
<i>Eye contact:</i>	<i>May cause serious eye irritation.</i>
<i>Chronic effects:</i>	<i>Causes damage to organs through prolonged or repeated exposure.</i>
<i>Numerical measures of toxicity:</i>	<i>Not determined.</i>
<i>Carcinogenicity:</i>	<i>Not a carcinogen by IARC, NTP or OSHA.</i>

12. ECOLOGICAL INFORMATION

<i>Ecotoxicity:</i>	<i>No data available</i>
<i>Persistence and degradability:</i>	<i>No data available</i>
<i>Bioaccumulative potential:</i>	<i>No data available</i>
<i>Mobility in soil:</i>	<i>No data available</i>
<i>Other adverse effects:</i>	<i>No data available</i>

13. DISPOSAL CONSIDERATIONS

<i>US EPA RCRA STATUS:</i>	This material, when discarded, is not a hazardous waste as that term is defined by the Resource, Conservation, and Recovery Act (RCRA), 40 CFR 261.
<i>DISPOSAL CONSIDERATIONS:</i>	Dispose in accordance with federal, state, and local regulations.
<i>MISCELLANEOUS ADVICE:</i>	This material and its container must be disposed of in a safe way. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA. Dispose of through a licensed facility.

14. TRANSPORT INFORMATION

<i>Not regulated as a hazardous material by the U.S. Dept. of Transportation (DOT) 49 CFR 172.</i>
<i>Additional information: Not regulated by IATA or IMDG.</i>

15. REGULATORY INFORMATION

EPA TSCA Inventory: The chemical compounds of this product are contained on the Section 8(B) Chemical Substance Inventory List (40CFR710).

Yes

This product contains the following components that are listed by IARC as possibly carcinogenic to humans (Group 2B):

-- Not regulated

OSHA (29 CFR 1910.1200 Appendix A) Classification:

-- Not regulated

US EPA RCRA Status: This product contains the following ingredients that are classified as hazardous wastes as this term is defined by the Resource, Conservation, and Recovery Act (RCRA), 40 CFR 261:

-- Not regulated

SARA Section 302 (40 CFR 255) Extremely Hazardous Substances: The following components are listed as extremely hazardous substances under SARA Section 302:

-- Not regulated

Clean Air Act S112 Hazardous Air Pollutants (HAPS):

Manganese compounds 8030-70-4
Cobalt compounds 61789-52-4

Pursuant to Section 311/312 of Sara Title III, the physical and health hazards categories for this product are identified below:

-- Not regulated

Fire Hazard: No

Sudden release of pressure: No

Reactive hazard: No

Immediate (Acute) health hazard: Yes

Delayed (Chronic) health hazard: No

California Proposition 65:

Yes

This product contains trace levels of a component or components known to the state of California to cause birth defects or other reproductive harm.

Formaldehyde 50-00-0 <50ppm

16. OTHER INFORMATION

A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if or where precautions (in addition to those described herein) are required. Any health hazard and safety information contained herein should be passed on to your employees.

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