

Material Safety Data Sheet

Revision date: 7.27.2008

Revision 1

REA-JET TPKD-WS 140 Ink

Page 1 of 3

SECTION 1 PRODUCT AND COMPANY INFORMATION:

Product Name **REA-JET TPKD-WS 140 White Ink**

Product Number: **IJ050-1530-01**

CAS Number: mixture

Hazard Rating Health: 3 Fire: 3 Reactivity: 0 PPI: B

Emergency phone (24 hour)

Chemtrec 24-hour telephone # 800-424-9300

International 24-hour telephone # 703-527-3887

Product Class

Ink

Trade Name

TPKD-WS 140 White Ink

Product Code

1530

DOT Hazard Class

Flammable Liquid

Shipping Name

White Ink Jet

SECTION 2 INGREDIENT AND HAZARD INFORMATION

Ingredient Name:	CAS Number	Percent	TSCA
Methyl Ethyl Ketone \$ HMIS Health: 2 Fire: 3 Reactivity: 0 PPI: H	78-93-3	50-80	Y
Cyclohexanone HMIS Health: 2 Fire: 2 Reactivity: 0 PPI: H	108-94-1	1-5	Y
Isopropanol 99% Anhy: \$ HMIS Health: 2 Fire: 3 Reactivity: 1 PPI: H	67-63-0	1-5	Y

All Ingredients in this product are listed in the T.S.C.A Inventory

Additional Information

Section 313 supplier notification: This product may contain toxic chemicals subject to the reporting requirements of section 313 of the emergency planning and community right to know act of 1986 and 40 CFR 372 (noted by this symbol \$)

Caution: This product may become a dust nuisance when removed by sanding, abrading or sandblasting. Dust masks should be worn during these operations.

This product does not contain polycyclic organic material solvents.

All components of this mixture are listed on the TSCA inventory.

SECTION 3 PHYSICAL DATA

Form:	Liquid
Appearance/Color:	White
pH Value:	Not Applicable
Boiling Range:	172°F – 398°F (77.78°C – 203.33°C)
Vapor Pressure (mmHg):	0 @ 0°F (-17.78°C)
Melting Point:	Not Applicable
Evaporation Rate:	Not Applicable
Vapor Density:	Not Applicable
% Volatile weight	64.52%
% Volatile volume	83.78%
Specific Gravity:	0.99852
VOC	5.65
Heavy elements (ppm)	0

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flammability Class	1B
Flash Range:	24°F (-4.44°C)
Explosive Range:	0%
	0%

Extinguishing media: Carbon dioxide –Dry Chemical—Foam—Water Fog

Use water for cooling material stored in vicinity of fire:

Special firefighting procedures: Use self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode. Wear protective clothing.

Material Safety Data Sheet

Revision date: 7.27.2008

Revision 1

REA-JET TPKD-WS 140 Ink

Page 2 of 3

Unusual fire & explosion hazards: Vapors are heavier than air and may travel along the ground to an ignition source some distance from material handling point. Ignition sources include pilot lights, smoking, heaters, electric motors, sparks from electrical switches and static discharges.

Caution: Never use cutting torch on empty containers! Residual solvent vapor in empty container may explode. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SECTION 5 HEALTH HAZARD DATA

Isopropanol 99% anhy

Exposure and Dose

LC50 1500 ppm

LD50 6.2 ppm

LD50 16.4 ppm

Permissible exposure level: Refer to Section II

Effects of overexposure:

Eyes: Can cause redness, irritation, swelling and blurred vision

Skin: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

Breathing: Excessive inhalation of vapors and /or spray mist can cause respiratory irritation, dizziness, weakness, fatigue, nausea, headache, unconsciousness and even asphyxiation:

Swallowing: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea, aspiration of material into the lungs can cause chemical pneumonitis which can be fatal

First Aid:

Eyes: Flush with large amounts of water for 15 minutes. Lift eyelids occasionally, get prompt medical attention:

Skin: Wash thoroughly with soap and water, remove contaminated clothing promptly; wash clothing before reuse. Consult a physician if irritation persists.

Swallowing: Since this product may contain materials which can cause lung damage if aspirated into the lungs, the decision whether to induce vomiting must be made by a physician after careful consideration of all materials ingested.

Inhalation: Move affected person to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration, keep person warm, quiet, and get medical attention. Consult a physician.

SECTION 6 REACTIVITY DATA

Stability: This product is stable

Hazardous Polymerization: Hazardous polymerization will not occur

Incompatibility: Avoid contact with strong oxidizers (e.g. nitric acid)

Condition to avoid: Keep away from heat and open flame

Hazardous decomposition products: May form carbon monoxide and dioxide, various hydrocarbons, etc.

SECTION 7 SPILL OR LEAK PROCEDURES

Steps to be taken in case materials if released or spilled

Small spill: absorb liquid with rags, floor absorbent, vermiculite or other absorbent material and transfer to hood.

Large spill: Eliminate all ignition sources – dike area of spill to prevent spreading - ventilate area if indoors – pump liquid into salvage tank- remaining liquid may be taken up with sand, floor absorbent or other absorbent material and shoveled into containers - prevent run-off to sewers and bodies of water – notify proper authorities as required by local, state and federal regulations:

Water disposal methods: Dispose of in accordance with federal, state and local regulations.

SECTION 8 SPECIAL PROTECTION INFORMATION

Occupational Exposure Limits:

	ACGIH TIV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
Methyl Ethyl Ketone	200 ppm	N/est	N/est	N/est	N/est
Cyclohexanone	25 ppm	N/est	N/est	N/est	N/est
Isopropanol 99% anhy	400 ppm	N/est	N/est	500 ppm	N/est

Respiratory protection: In outdoor or open areas with unrestricted ventilation approved chemical/mechanical filters designed to remove a combination of particulates and vapor.

Ventilation: Provide sufficient ventilation in volume and pattern to keep air contaminant concentration below current applicable OSHA permissible exposure limit or ACGIH TLV limit, and volatiles below lower explosive limit. Heavy solvent vapors should be removed from the lower levels of area, and all ignition sources (no-explosion proof equipment) should be eliminated if flammable mixtures will be encountered. Remove decomposition products formed during welding or flame cutting or surfaces coated with this product. For baking finishes – vent vapors emitted on heating

Protective gloves: Wear resistant gloves such as: nitrile rubber

Material Safety Data Sheet

Revision date: 7.27.2008

Revision 1

REA-JET TPKD-WS 140 Ink

Page 3 of 3

Eye Production: Chemical splash goggles in compliance with OSHA regulations also permit other types of safety glasses. (consult your safety equipment supplier)

Other protective equipment: Normal protective clothing. Wash contaminated clothing before reuse.

SECTION 9 SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Do not drop containers. Avoid heat, sparks and open flame. Store large quantities only in building designed to comply with OSHA 1910.106. Never use pressure to empty. Avoid breathing sanding dust. Do not handle until the manufacturers safety precautions have been read and understood.

Other precautions: The information accumulated herein is believed to be accurate but is not warranted to be whether originating he company or not. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.

SECTION 10 ADDITIONAL REGULATORY INFORMATION

SARA TITLE III Section 313: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and 40 CFR 372.

Ingredient Name	CAS number	Percent
Methyl Ethyl Ketone	78-93-3	63.54
Isopropanol 99% Anhy	67-63-0	2.8

Disclaimer of Liability

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