

Section 1 : Identification	n			
Product identifier				
PRODUCT NAME :	RISOGRAPH SOYINK RN B	I ACK / U		
ITEM CODE:	S-4206			
	chemical and restrictions on use;			
RELEVANT IDENTIFIED USES:		-,		
Company identification	INK for Digital Duplicator			
MANUFACTURER	RISO KAGAKU CORPORAT	ION I, Tokyo, 108-8385, JAPAN	J	
	TEL: 81 (3) 5441-6611	I, TUKYU, TUO-0305, JAFAI	N	
SUPPLIER:	RISO,INC.			
Soft Elek.		e 390 Burlington, MA, 0180	13 USA	
	TEL: (978) 777-7377			
Section 2 : Hazards ide	· ·			
		1010 1200(d);		
	al in accordance with 29 CFR	1910.1200(a):		
	Not classified			
Label elements				
HAZARD PICTOGRAMS:	Not required			
SIGNAL WORD:	Not required.			
HAZARD STATEMENTS:	Not required			
PRECAUTIONARY STATEMENTS:	•			
Hazards not otherwise class	sified (HNOC) :			
	Not classified			
Section 3 : Composition	Not classified n/information on ingredien	ts		
•		ts		
•		ts CAS No.	wt%	
Section 3 : Composition Mixture:	n/information on ingredien		wt%	
•	n/information on ingredien Chemical name Soybean oil	CAS No.	>= 6	
•	n/information on ingredien	CAS No. 8001-22-7		
•	n/information on ingredien Chemical name Soybean oil	CAS No. 8001-22-7 64742-53-6	>= 6	
•	n/information on ingredien Chemical name Soybean oil Petroleum solvent Glycerol	CAS No. 8001-22-7 64742-53-6 64742-55-8 56-81-5	>= 6 < 10	
•	n/information on ingredien Chemical name Soybean oil Petroleum solvent Glycerol Carbon black (pigment)	CAS No. 8001-22-7 64742-53-6 64742-55-8 56-81-5 1333-86-4	>= 6 < 10 < 10 < 10 < 10	
•	n/information on ingredien Chemical name Soybean oil Petroleum solvent Glycerol Carbon black (pigment) Alkyd resin	CAS No. 8001-22-7 64742-53-6 64742-55-8 56-81-5 1333-86-4 Trade secret	>= 6 < 10 < 10 < 10 Trade secret	
•	n/information on ingredien Chemical name Soybean oil Petroleum solvent Glycerol Carbon black (pigment)	CAS No. 8001-22-7 64742-53-6 64742-55-8 56-81-5 1333-86-4	>= 6 < 10 < 10 < 10 < 10	
Mixture:	n/information on ingredien Chemical name Soybean oil Petroleum solvent Glycerol Carbon black (pigment) Alkyd resin Water	CAS No. 8001-22-7 64742-53-6 64742-55-8 56-81-5 1333-86-4 Trade secret	>= 6 < 10 < 10 < 10 Trade secret	
Mixture: Section 4 : First-aid me	n/information on ingredien Chemical name Soybean oil Petroleum solvent Glycerol Carbon black (pigment) Alkyd resin Water casures	CAS No. 8001-22-7 64742-53-6 64742-55-8 56-81-5 1333-86-4 Trade secret	>= 6 < 10 < 10 < 10 Trade secret	
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Mixture:	n/information on ingredien Chemical name Soybean oil Petroleum solvent Glycerol Carbon black (pigment) Alkyd resin Water casures	CAS No. 8001-22-7 64742-53-6 64742-55-8 56-81-5 1333-86-4 Trade secret 7732-18-5	>= 6 < 10 < 10 < 10 Trade secret Trade secret	
Mixture: Section 4 : First-aid me Description of first aid meas	n/information on ingredien Chemical name Soybean oil Petroleum solvent Glycerol Carbon black (pigment) Alkyd resin Water Casures If you feel unwell, move from	CAS No. 8001-22-7 64742-53-6 64742-55-8 56-81-5 1333-86-4 Trade secret 7732-18-5	>= 6 < 10 < 10 < 10 Trade secret Trade secret Trade secret	
Mixture: Section 4 : First-aid me Description of first aid meas INHALATION:	n/information on ingredien Chemical name Soybean oil Petroleum solvent Glycerol Carbon black (pigment) Alkyd resin Water easures If you feel unwell, move from medical advice.	CAS No. 8001-22-7 64742-53-6 64742-55-8 56-81-5 1333-86-4 Trade secret 7732-18-5	>= 6 < 10 < 10 < 10 Trade secret Trade secret Trade secret	
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Mixture: Section 4 : First-aid me Description of first aid meas INHALATION: EYE CONTACT:	n/information on ingredien Chemical name Soybean oil Petroleum solvent Glycerol Carbon black (pigment) Alkyd resin Water easures If you feel unwell, move from medical advice. In case of contact with eyes, advice.	CAS No. 8001-22-7 64742-53-6 64742-55-8 56-81-5 1333-86-4 Trade secret 7732-18-5	>= 6 < 10 < 10 < 10 Trade secret Trade secret Trade secret of water and seek mediately to fresh air and seek nty of water and seek mediately water using a mild soap.	
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SAFETY DATA SHEET

Extinguishing media: Water, CO ₂ , foam, dry chemical powder, dry sand Special hazards ansing from the substance or mixture: May produce toxic fumes of CO, CO ₂ , NOX, SOX Advice for fire-fighters: This ink does not act as a source of ignition, but might burn if exposed to a fire. Section 6 : Accidental release measures Personal precautions, protective equipment and emergency procedures: Ventilate the area until material is completely picked up. Environmental precautions: Do not emply into the drains. Methods and methal for containment and cleaning up: Shovel up, then wipe up with cloth or paper. Section 7 : Handling and storage Precautions for safe handling: Use only in the well-ventilated areas. Avoid contact with skin. Use only with cartridge. Conditions for safe storage, including any incompatibilities: Store at 5 · 35 °C and protect from sunlight. Keep the ink out of reach of children. Only original cartridge. Section 8 : Exposure controls/personal protection Control parameters: OCCUPATIONAL EXPOSURE GUIDELINES: OCCUPATIONAL EXPOSURE GUIDELINES: Dividual protection measures, such as protection tor most conditions. Individual protection measures, such as protective equipment: RESPIRATORY PROTECTION: Not normally required SINA NEB BOXPORECTION: Not normally require	Section 5 : Fire-fighting	measures				
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Advice for fire-fighters: This ink dees not act as a source of ignition, but might burn if exposed to a fire. Section 6 : Accidental release measures Personal precautions, protective equipment and emergency procedures: Venilate the area until material is completely picked up. Environmental precautions: Do not empty into the drains. Methods and material for containment and cleaning up: Shovel up, then wipe up with cloth or paper. Section 7 : Handling and storage Precautions for safe handling: Use only in the well-ventilated areas. Avoid contact with skin. Use only with cartridge. Conditions for safe storage, including any incompatibilities: Store at 5 - 35 °C and protect from sunlight. Keep the ink out of reach of children. Only original cartridge. Section 8 : Exposure controls/personal protection Control parameters: OCCUPATIONAL EXPOSURE QUIDELINES: CAS No. OSHA PEL 4CGH TLV Petroleum solvent 64742-63-8 5 mg/m ³ 5 mg/m ³ Appropriate engineering controls: Good general ventilation should be sufficient for most conditions. Individual protection measures, such as protective equipment: Reseminatorial ventilation should be sufficient for most conditions. Individual protectorin: Not normally required swin AND BOOT PROTECTION: Not normally required Physical state: Pase Odor: Sight petroleum odor pH: Not applicable Methodis point: >100 °C <td colspan="4"></td>						
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pH:Not applicableMelting point/freezing point:< 0 °C	Physical state:	Paste				
Melting point/freezing point:< 0 °C	Odor:	Slight petroleum odor				
Boiling point:> 100 °CFlash point:None (Closed cup)Evaporation rate:No data available	pH:	Not applicable				
Flash point:None (Closed cup)Evaporation rate:No data available	Melting point/freezing point:	< 0 °C				
Evaporation rate: No data available	Boiling point:	> 100 °C				
Evaporation rate: No data available	Flash point:	None (Closed cup)				
	Evaporation rate:	No data available				
	Flammability (solid, gas):	Not applicable				



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Upper/lower flammability:	No data available		
Vapor pressure:	No data available		
Vapor density:	No data available		
Density:	1.00 - 1.12		
Solubility:	WATER SOLUBILITY: Negligible		
Partition coefficient:	No data available		
Auto-ignition temperature:	> 400 °C		
Decomposition temperature			
Viscosity:	No data available		
Section 10 : Stability ar	nd reactivity		
Reactivity:	No data available		
Chemical stability:	Stable under normal storage and handling conditions.		
Possibility of hazardous rea	actions:		
	No data available		
Conditions to avoid:	Avoid exposure to high temperatures.		
Incompatible materials:	Strong oxidising agents		
Hazardous decomposition	products:		
	None		
Section 11 : Toxicologi	cal information		
Information on toxicological	effects		
ACUTE ORAL TOXICITY:	LD50 >2000mg/kg (rat)		
ACUTE EYE IRRITATION:	May cause slight irritation.		
ACUTE SKIN IRRITATION:	May cause slight irritation. Negative in the Ames test		
MUTAGENICITY: CARCINOGENICITY:	Carbon black is listed as Class 2B (Possible human carci	inogen) by IARC	
	However, IARC Monograph 93 also indicates "exposur occur during the use of products in which carbon black such as rubber, printing ink or paint." None of the other ingredients in this product are listed by ACGIH as a carcinogen. None of the other ingredien carcinogens according to EU, IARC, MAK, NTP or OSHA	e to carbon black does not is bound to other materials, IARC, NTP, MAK, OSHA or its have been classified as	
*These information are based	on toxicity data for similar materials and ingredients.		
Section 12 : Ecological	information		
Ecotoxicity:			
TOXICITY TO FISH: AQUATIC INVERTEBRATES: AQUATIC PLANTS: Persistence and degradabi	Oryzias latipes LC_{50} -96h > 100mg/LDaphnia magna EC_{50} -48h > 100mg/LAlgae ErC_{50} -72h > 100mg/Llity: ErC_{50} -72h > 100mg/L		
	No information available.		
Bioaccumulative potential:			
	No information available.		
Mobility in soil:	No information available.		
Other adverse effects:	No information available.		
* This information is based	on toxicity data for similar materials and ingredients.		



Section 13 : DISPOSAL CONSIDERATIONS

Waste treatment methods:	Burn in an adequate incinerator or bury in landfill in accordance with all applicable		
	regulations. Any disposal practice must be in compliance with local, state and federal		
	laws and regulations.		
	Ink Cartridge (bottle) material is plastic(polypropylene/polyethylene).		
Section 14 : TRANSPO	RT INFORMATION		
UN number:	Not regulated		
UN proper shipping name:	Not regulated		
Transport hazard class(es):	Not regulated (DOT, IMDG, IATA)		
Packing group:	Not regulated		
Environmental hazards:	Not regulated		
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:			
	Not regulated		
Section 15 : REGULATORY INFORMATION			
US Federal regulation:			
TSCA (Toxic Substance Co	ontrol Act) :		
	All chemical substances in these products are listed or exempted in TSCA chemical		
	substance inventory.		
Clean Air Act Section 112	Hazardous Air Pollutants(HAPs):		
SARA Section 313 (40 CFR	Not listed		
	Not listed		
CERCLA (40 CFR 302.4):	Not listed		
Section 16 : OTHER INFORMATION			
Issue date:	08/06/2002		
Revision date:	03/01/2016		
SDS No.(Version No):	RNSI001U-06		
The information based			
The information herein is given in good faith, but no warranty, express or implies, is made.			
Please consult RISO, I	NC. for further information.		