



MATERIAL SAFETY DATA SHEET

SB SOLVENT BASED BLACK BACKING

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MSDS041 Revision 1
Revision date 5/26/2009

1. PRODUCT AND COMPANY IDENTIFICATION

Product name SOLVENT BASED BLACK BACKING

Company LCR Hallcrest
1820 Pickwick Lane
Glenview
IL 60026

Telephone +1 847 998 8580

Fax +1 847 998 6866

Emergency telephone number +1 847 998 8580

Intended use Black Graphic Ink.

2 HAZARDS IDENTIFICATION.

Statement of Hazard

DANGER EXTREMELY FLAMMABLE LIQUID AND VAPOR, VAPOR MAY CAUSE FLASH FIRE

Properties

Color Black
Odor Characteristic
State Liquid

Main hazards

Flammable Harmful: may cause lung damage if swallowed.

3 . COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients

	Conc.	CAS
Straight run kerosine - solvent naphtha (petroleum), medium aliph.	20 - 30%	64742-88-7
Kerosine - unspecified - distillates (petroleum), hydrotreated light	1 - 10%	64742-47-8
Ethylbenzene (Ethyl benzene)		100-41-4

4. FIRST AID MEASURES

Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.
General information	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. FIRE FIGHTING MEASURES

Extinguishing media	Carbon oxides. Alcohol resistant foam.
Fire hazards	Burning produces irritating, toxic and obnoxious fumes.
Protective equipment	Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure limits**

Ethylbenzene	ACGIH TLV TWA: 100 ppm	ACGIH TLV STEL: 125 ppm
(Ethyl benzene)	Notations: A3; BEI	OSHA PEL 8hr TWA ppm: 100
	OSHA PEL 8hr TWA mg m3: 435	Skin Designation: -

Engineering measures

Ensure adequate ventilation of the working area.

Respiratory protection

If concentrations of hazardous ingredients exceeds exposure limits a NIOSH (National Institute for Occupational Safety and Health) approved respirator with organic filter must be used. If material is handled under mist, spray or dust forming conditions a P100 (99.97% efficiency) filter should be used in addition to the organic filter. Protection provided by air

Hand protection

Chemical resistant gloves (PVC)

Eye protection

Approved safety goggles.

Protective equipment

Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Color	Black.
Odor	Characteristic.
Flash point	46°C
Flammability limits	Flammable
VOC (Volatile organic compounds)	366 g/l

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Heat, sparks and open flames.
Materials to avoid	Oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Toxicological information

Ethylbenzene	Oral Rat LD50 = 3500 mg/kg
	Dermal Rabbit LD50 = 17800 uL/kg
	Inhalation Rat LC50/2H h = 55000 mg/m3
	Inhalation Mouse LC50/2H h = 35500 mg/m3

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

DOT

UN 1210	Packing group III
Class 3	Proper Shipping Name PRINTING INK.

IMDG

UN 1210	Packing group III
Class 3	Marine pollutant NO
EmS Code F-E S-D	

IATA

UN 1210	Packing group III
Class 3	Subsidiary risk -
Packing Instruction 310	Maximum quantity 220 L
(Cargo)	
Packing Instruction 309	Maximum quantity 60 L
(Passenger)	

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15. REGULATORY INFORMATION

Inventories

Ingredient	TSCA	MA	SARA313	CALPROP65	CWA307	CAA112	CWA311	SARA302	SARA304
Straight run kerosine -	Y	N	N	N	N	N	N	N	N
Kerosine - unspecified -	Y	N	N	N	N	N	N	N	N
Ethylbenzene	Y	Y	Y 0.1	Y	Y	Y	Y	N	N

16. OTHER INFORMATION

Statement of Hazard

EXTREMELY FLAMMABLE LIQUID AND VAPOR, VAPOR MAY CAUSE FLASH FIRE

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

Maximum content of VOC

366 g/l

TSCA

All components are TSCA compliant.

HMIS LABELLING

HEALTH 1, FLAMMABILITY 2, PHYSICAL HAZARD 0 PERSONAL PROTECTION: G.