

■Material Safety Data Sheet■

Date Revised: Feb 10, 2012
 Date Prepared: Feb 10, 2012
 NoMG051-017-0029-01E

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name(Trade name): BLAC-O-PAKE HD-FM
 Manufacture's Information : Pantall(Japan),Inc..
 Address : Japan 1-23-11, Sengoku, Bunkyo-ku, Tokyo
 TEL 81-3-XXXX-XXXX / FAX 81-3-5319-8577/81-3-5319-8578

2. HAZARDS IDENTIFICATION

GHS Classification	Physical hazardous nature Flammable liquid	Division 2
	Dengerous for health Acute toxicity (Oral)	Division 5
	Acute toxicity (Endermatic)	No data
	Acute toxicity (Inhale : Gas)	No data
	Acute toxicity (Inhale : Dust, Mist)	No data
	Skin corrosion / irritative	No data
	Serious irritate the eyes	No data
	Sensitizing property of apparatus respiratorius and skin	No data
	Skin sensitizing property	No data
	Generate cell mutagenicity	No data
	Carcinogen	No data
No data	Reproductive effect	No
data	OrganSingle exposure	
Specially Target		
No data	Repetition exposure	
/ Systematic Toxicity		
No data	Attractant respiratory harmful effect	No data
Hazardous Property for	Acute hazardous aquatic environment	No
data		
Environment	Inveteracy hazardous aquatic environment	No data
Factore Label		



Hazardous Information No data
 Instruction

【First Aid】	Skin:Wash by water with soap. Eyes: Immediately flush with water enough, see a doctor. Ingestion: Do not induce vomiting. See a doctor. If a fire occur, fight a fire in the proper way.
【Strage】	Under usually storage condition, it is stable.
【Disposal】	Do not burn even when empty. Waste disposal of incombustible should be in accordance with the existing environmental regulation.

Country / Community Information

3. COMPOSITION / INFORMATION ON INGREDIENTS

Single, Mixture: Mixture

Ingredient and content

Ingredient name	CAS No.	Concentration Wt. %
MEK	78-93-3	15.33
MIK	108-10-1	15.33
Butyl acetate	123-86-4	40.00
C.I. Acid Black 63	32517-36-5	10.22
Resin 7	Un-indicating	3.20
IPA	87-63-0	1.34
C.I. Solvent Violet 21	39290-77-2	10.22
Toluene	108-88-3	1.60
Red dye	Un-indicating	2.60
Silicone	Un-indicating	0.17

4. FIRST AID MEASURES

For Skin Wash by water with soap.
 For Eyes Immediately flush with water enough, see a doctor.
 For Ingestion Do not induce vomiting. See a doctor.
 Expected acute symptom and late symptom: None expected.
 Most important sign and symptom: None expected.
 Protect the person received first aid: None required.
 Special notandum for doctor: None required.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: N/A
 Great Conflagration: CO₂, dry chemical and form
 Forbidden Extinguishing Media: Oxidizing materials
 Special Fire Fighting Procedures: In the initial stage of fire, use fire extinguishers, or with large amount of water injection.
 Protect the Person Extinguish a Fire: None

6. ACCIDENTAL RELEASE MEASURES

Matters that require attention for Human Body, Protective Equipment and Emergency Measure:
 None required
 Matters that require attention for Environment:
 None required
 Collect Neutralization:
 None required
 Containment or Depurant and Equipment:
 None required
 Precaution of Second Disaster:
 None required

7. HANDLING AND STORAGE

Handling
 Precautions to be taken in handling None required
 Storage
 Precautions to be taken in storage None required

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Install the eye washing devices and safety shower where handle or stock this product.
 Protection Equipment
 For hands: None required
 For eyes: None required
 Other protective clothing or equipment None required

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form Condition (20°C) Liquid
 Odor Reddish liquid with ketone odor
 Boiling point No data
 Vapor pressure No data
 Density (20°C) 0.96
 pH (against water base) N/A
 Other No data
 Hazardous Information Flash point No data
 Ignition point No data

Explosion limit No data
Other Hazardous Information

10. STABILITY AND REACTIVITY

Stability: Under usually storage condition, it is stable.
Hazardous Reactivity: Nothing
Avoid Condition: CO₂, CO, Oxides of nitrogen and potentially toxic fumes.
Avoid Touching: Oxidize materials
Hazardous Decomposition Product: Nothing

11. TOXICOLOGICAL INFORMATION (including examples of symptoms in humans and epidemiological information)

Harmful ingredient and exposure limit

Name	OSHA (PEL)	ACGIH(2005) (TLV-TWA)	IARC	OTHER
MEK	200ppm	200ppm		
MIK	200ppm	20ppm		
Butyl acetate	200ppm	200ppm		
C.I.Acid Black63				
Resin7				
IPA	400ppm	200ppm		
C.I.Solvent Violet21				
Toluene				
Red dye				
Silicone				

12. ECOLOGICAL INFORMATION

Acute Hazardous Aquatic Environment No data
Inveteracy Hazardous Aquatic Environment No data

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Waste disposal should be in accordance with the existing environmental regulation.
For Burning: Do not use oxidizing materials
In the initial stage of fire, use fire extinguishers, or with large amount of water injection.
Polluted container and package:

14. TRANSPORT INFORMATION

Common: Please follow the section 7. Check if there is no leakage from container and take cargo without falling, dropping and damage.
Land Transportation: In case of fall under the Fire Law, Industrial Safety and Health Law, Poisonous Material Control Law follows each relevant mode of transportation.
Marine Transportation: Please follow the Law for Safety of Vessel.
Air Transportation: Please follow the Aviation Law and regulation of ICAO.

15. REGULATORY INFORMATION

Industrial Safety and Health Law: Notice object goods (Article 57, section 2, Enforcement regulation 18-21, appendix 9.)
Fire Law: N/A
Law for Safety of Vessel N/A
Aviation Law: N/A

16. OTHER INFORMATION