Dry Film

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Dry Film for Circuit Frame

Distributor: BEST Inc
3603 Edison Place
Rolling Meadows IL
(897) 797 9250

GHS Signal Word: Warning

SECTION 2: HAZARDS IDENTIFICATION

Routes of Entry: Inhalation, Skin/Eye Contact

Classifications: Classification according to EC Regulation No 1272/2008 . Classifications applicable to the OSHA GHS Hazard Communication Standard (29CFR1910.1200)

Potential Health Effects: IF SWALLOWED rinse mouth. Do not induce vomiting. If on skin or hair take off immediately all contaminated clothing. If inhaled remove person to fresh air and keep comfortable for breathing.

Inhalation: Store locked up

Eyes: Eye contact with high concentration of vapors may cause eye irritation with discomfort, tearing or blurring of vision.

Skin: Skin contact may cause redness of the skin with itching an rash. Evidence from testing on some vapor components suggests that skin permeation can occur in amounts capable of producing the effects of systematic toxicity.

Carcinogenicity Information: None of the components present in this material at concentration equal to or greater than 0.1 % are listed by NTP, IARA or OSHA.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS Number	Percentage
Phenol	108-95-2	0-60
Butan-1-ol	71-36-3	0-20
Butyl Acrylate	141-32-2	1-5
Benzophene	119-61-9	1-10
Methanol	67-56-1	0-40

- Trade secrets on exacting percentages
- NOTE: This product is shipped in very small quantities typically less than 300mm x 300mm. The vapor volume is estimated to be below 15 lbs per 125,000 sq ft of adhesive. The pounds of vapor are not VOCs as defined in the current Environmental Protection Law.

SECTION 4: First aid measures

Inhalation: Move to fresh air. Get medical attention if necessary

Eye Contact: Flush eyes with water. Get a physician consultation if an irritation persists.

Skin Contact: Wash with soap and water after handling. If skin irritation develops, consult a physician.

Ingestion: Ingestion is not considered a potential route of exposure

SECTION 5: FIREFIGHTING MEASURES

Flammable Properties:	Not a fire or explosion hazard
Extinguishing Media:	Use media appropriate for surrounding material
Unusual Fire Hazards:	In case of fire keep containers cools with water spray. Closed containers may rupture (due to pressure build up) when exposed to extreme heat
Special Firefighting instructions:	Wear self-contained breathing apparatus nd full protective clothing. Runoff from fire may be a potential pollution hazard.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)	NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) Sections before proceeding with clean up. Use appropriate PERSONAL PROTECTIE EQUIPMENT during clean up.
Accidental Release Measures:	Do not allow product to enter sewer or waterways

SECTION 7: HANDLING AND STORAGE

Handling	Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breath vapor and mist. Wash thoroughly after handling. Keep container closed.
Storage:	40-80 degrees F. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

- Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Personal Protective Equipment:	Use a NIOSH approved eye safety glasses. Use air-purifying respirator if the potential to exceed established exposure limits
Applicable Exposure Limits:	
Phenol:	PEL (OSHA): 5 ppm, 19 mg/m3, 8 hr TWA, Skin TLV (ACGIH) 5 ppm, 19mg/m3, TWA, Skin, A4
Butan-1-ol:	PEL (OSHA): 100ppm, 300mg.m3, TLV (ACGIH) 20 ppm, 8 hrs, TWA
Butyl Acrylate:	PEL (OSHA): None established, TLV (ACGIH) 2 ppm, 8 hrs, TWA, A4, SEN
Benzophenone:	PEL (OSHA): None established, TLV (ACGIH) None established
Methanol:	PEL (OSHA): 269 mg/m3; TLV (ACGIH) 200 ppm TWA, TLV (ACGGIH) 250 ppm STEL

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odor:	None
% Volatiles	2% weight percentage + vapors listed above
Form	Solid

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of storage and use.
Incompatible With Other Materials:	None reasonably foreseeable
Decomposition:	Decomposes with heat. See decomposition information for vapor information
Polymerization	Polymerization can occur. Conditions leading to polymerization are heat and pressure

SECTION 11: TOXICOLOGICAL INFORMATION

Test Reformed	Information not available
Incompatible With Other Materials:	Information not available

SECTION 12: ECOLOGICAL INFORMATION

Ecological Information: Aquatic Toxicity insoluble

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Landfill or incinerate in compliance with federal, state and local regulations. Do not burn.

SECTION 14: TRANSPORT INFORMATION

SHIPPING INFORMATION

DOT Not regulated

International Air Transportation Not regulated

SECTION 15: REGULATORY INFORMATION

US States Regulatory Information

- TSCA 8 (b) Inventory Status: All components are listed are in compliance with TSCA inventory requirements for commercial purposes. exempt from listing on the Toxic Substances Control Act inventory.
- TSCA 12 (b) Notification: None above reporting de mininmus
- California Proposition 65: No CA Prop 65 listed chemicals are known to be present

SECTION 16: OTHER INFORMATION

NONE

RESPONSIBILITY FOR SDS: Best, Inc.

KEY:

N/A:	Not Applicable
GHS:	Global Harmonized System
OSHA:	Occupational Safety and Health Administration
PEL:	Permissible Exposure Limit
ACGIH:	American Conference of Governmental Industrial Hygienists
TLV:	Threshold limit value
NTP:	National Toxicology Program
IARC:	International Agency for Research on Cancer
DOT:	Department of Transportation
TSCA:	Toxic Substance Control Act

To the best of our knowledge, the information contained herein is accurate. However, neither Best Inc., nor any of its distributors assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.