

# MATERIAL SAFETY DATA SHEET

## HIPOL 18 LV | HVB-0005 | 3-2008



### Product Details

**Product Code** : HVB-0005  
**Product Name** : HIPOL 18 LV  
**Product CAS no.** : 68648-78-2

**Manufacturer's Name** : MICRO INKS LIMITED  
2803/2, THIRD PHASE, GIDC,  
VAPI 396 195, GUJARAT INDIA.  
Tel. ++91 260 2431593/ 2431596 / 2431598

**Informing department** : Q.A. Office  
**Emergency Information** : During Office hours.

### Composition/Data on components

#### Chemical Characterization

**Description** : Polyvinyl Butyral Resin

#### Dangerous Components

This product is not considered hazardous as defined by 29 CFR 1910.1200 and under the provisions of the Superfund Amendments and Reauthorization Act Title III, Section 311 and 312. However, dusting may occur under certain use conditions and nuisance dusts are regulated in 29 CFR 1910.1200, Table Z-1-A.

### Hazards Identification

#### Potential Health Effects

**Eyes:** Dust may cause mild eye irritation.

**Skin:** May cause mild irritation in the form of redness, or dermatitis on hypersensitive individuals after prolonged contact.

**Ingestion:** My cause abdominal discomfort, nausea, vomiting and diarrhea if swallowed.

**Inhalation:** Not considered a respiratory hazard under normal use conditions, however dusting may cause minor irritation to mucous membranes in some individuals. Avoid breathing dusts whenever possible.

**Chronic:** None Known.

### First Aid Measures

After eye contact rinse opened eye for several minutes under running water.

After skin contact instantly wash with water and soap and rinse thoroughly.

After inhalation - supply fresh air; consult doctor in case of symptoms.

After swallowing - in case of persistent symptoms consult doctor.

### Fire Fighting Measures

**Flash Point** : > 149°C (300°F)

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam and Water Spray.

**Explosion Hazards:** as with most organic solids, if a high concentration of dust is suspended in air, as explosion hazard may exist.

**Hazardous Combustion Products:** Oxides of carbon and noxious fumes.

**Fire Fighting Equipment:** Wear full protective equipment and a NIOSH-approved Self-Contained Breathing Apparatus with full face piece operated in the pressure demand mode. For small outdoor fires, which may be extinguishable with a portable fire extinguisher, use of a SCBA may not be required.

**Hazardous Decomposition Products:** Hazardous Polymerization will not occur

**Protective equipment** : No special measures required.

**Additional Information** : Dispose of fire debris & contaminated fire fighting water in accordance with official Regulations.

## Accidental Release Measures

Comments: Collect large spills with a shovel, vacuum or broom and salvage if possible. Material should not be permitted to enter into public drainage systems or waterways. Do not flush down sanitary sewer drains. Clean area with suitable detergent solution

## Handling & Storage

**Handling:** Use appropriate personal protective equipment as specified in Section 8. handle in a well-ventilated area. Containers should be re-closed after use.

**Storage:** Store in unopened containers under cool and dry conditions. Keep away from heat, sparks and open flames. Avoid contact with strong oxidizers.

## Exposure Guidelines

Components with limit values that require monitoring at the workplace:

CAS No. Designation of material % Type Value Unit

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

## Personal Protective Equipment

The usual precautionary measures should be adhered to general rules for handling chemicals.

Breathing equipment : Not required.

Protection of hands : Protective gloves and protective skin cream.

Eye protection : Safety glasses recommended during refilling.

## Physical and Chemical Properties

Form : Solid

Color : White

Odor : Slight

VISCOSITY By FC B4 @ 30°C : 48.0 - 58.0 sec

(20% in Ind. Ethanol)

Flash Point : >149°C

Self-inflammability : Product is not self-igniting.

Danger of Explosion : Product is not explosive

Solubility in/Miscibility with water : Negligible

Specific Gravity : >1 (water=1)

VOC : Not Applicable

Percentage Volatile : Negligible

## Stability and reactivity

Stability : Stable

Hazardous Polymerization : Will not occur

Conditions to avoid : Heat, Open Flame or other sources of ignition.

## Toxicological Information

When used according to manufactures intent and specifications, this product will not cause any adverse toxicological effects.

IARC : Not Listed  
NTP : Not Listed  
OSHA : Not Listed

## Ecological Information

Environmental Data: May cause adverse environmental impact if material reaches ground water systems, surface waterways or public sewage systems.

## Disposal Considerations

Product:  
Recommendation  
Must be specially treated under adherence to official regulations.  
Uncleaned packaging:  
Recommendation  
Disposal mus be made according to official regulations.

## Transport Information

Land transport ADR/RID :  
Designation of goods :  
Correct Technical Name :

## Regulatory Information

This product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).  
This product is not considered to be a hazardous substance under the OSHA Hazard Communication Standard, 29 CFR 1910.1200

## Other Information

The information of this Material Safety Data Sheet (MSDS) is based on the present state of our knowledge and laws. The users' working conditions are beyond our knowledge and control. It is the responsibility of the user to take all the precautions. The information in this MSDS is not to be considered as a guarantee of the product's properties.

Department issuing data specification sheet : Q.A. Office  
Contact : Q.A. Manager