

# MATERIAL SAFETY DATA SHEET

## Decopal HPL

(High Pressure Melamine Laminates)

### 1. Chemical Product & Manufacturer's Information

- a. Chemical Product Name      SUNYOUNG DECOPAL HPL  
b. Usage                              Kitchen,Office, other surface applications  
c. Chemical Type                  Melamine-Formaldehyde & Phenol-Formaldehyde Resin  
d. Manufacturer                    Sun Young Chemical Co.,Ltd  
   229 Wolmyeong-ro, Hungduk-gu, Cheong-ju city, Chungbuk, Korea  
e. in Case of Emergency        + 82-43-271-0100  
f. Date of preparation            JUL. 01. 2007  
g. Date of Revision                JUL. 01. 2015 (Rev.02)

### 2. Ingredient

- | a. Name        | b. CAS Number | c. % by Weight | d. Exposure Limits |
|----------------|---------------|----------------|--------------------|
| Paper          |               | 64~65          |                    |
| Melamine Resin | 9003-08-01    | 26~27          |                    |
| Phenolic Resin | 9003-35-4     | 8~9            |                    |

No hazardous ingredient.

### 3. Health Hazard Data

- a. Eyes                                Dust may cause mechanical irritation to eye.  
b. Skin                                 Dust may cause mechanical irritation.  
c. Inhalation                        Inhalation of dust will produce irritation to respiratory tract, characterized by sneezing and coughing.  
d. Ingestion                         Not an expected route of entry.

### 4. First Aid Measures

- a. Eye Contact                      Dust may cause mechanical irritation to eye. In case of contact with eyes, rinse immediately with plenty of water. Seek medical attention if irritation persists.  
b. Skin Contact                     Wash contaminated skin with soap and water. If irritation occurs, seek medical attention.  
c. Inhalation                        Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. Allow the victim to rest in a well ventilated area. If irritation persists, seek medical attention.  
d. Ingestion                         Not an expected route of entry.  
e. Notes to Physician            No additional information.

### 5. Fire and Explosion Data

- a. Flammability of the Product    Not considered to be flammable. Will burn in a fire situation.  
b. Flash Point                        Not applicable.  
c. Auto-ignition Temperature     Not applicable.  
d. Products of combustion        Carbon oxides(CO,CO2).  
e. Flammable Limits                Not available.  
f. Fire Hazards in Presence of    Flammable in presence of open flames and sparks.  
    Various Substances

- |   |   |
|---|---|
| g. Explosion Hazards in Presence of Various Substances            | Not considered to be a product presenting risks of explosion.   |
| h. Fire Fighting Media and Instructions Protective Clothing(Fire) | Use extinguishing media suitable for surrounding materials/ Dry chemicals, CO <sub>2</sub> , alcohol foam or water spray.<br>Fire fighting requires the use of a self contained breathing apparatus with a full face piece and pressure-demand or other positive-pressure mode. |

#### **6. Accidental Release Measures**

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|-------------------------|---|
| a. Small Spill and leak | Pick up solids and put in an appropriate sealed container for later disposal. |
| b. Large Spill and leak | Not applicable.   |

#### **7. Handling, Storage & Transport**

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|-------------|---|
| a. Handling | After handling, always wash hands thoroughly with soap and water. |
| b. Storage  | Store in a dry, well ventilated area.                             |

#### **8. Special Protection Information**

- |                         |  |
|-------------------------|--|
| a. Engineering Controls | If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.                                |
| b. Personal Protection  | Eyes : Safety glasses.<br>Body : No special protective clothing is required.<br>Respiratory : Not applicable.<br>Hands : Not applicable.<br>Feet : Not applicable. |

#### **9. Physical & Chemical Properties**

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|-------------------------------|-----------------|
| a. Appearance                 | Solid.          |
| b. Odor                       | Odorless.       |
| c. pH                         | Not applicable. |
| d. Specific Gravity           | 1.43.           |
| e. Boiling/Condensation Point | Not applicable. |
| f. Melting/Freezing Point     | Not available.  |
| g. Critical Temperature       | Not available.  |
| h. Vapor Pressure             | Not applicable. |
| I. Vapor Density              | Not applicable. |
| j. Volatility                 | Not applicable. |
| k. Odor Threshold             | Not available.  |

#### **10. Stability & Reactivity**

- |   |  |
|---|--|
| a. Stability & Reactivity Conditions of Instability | The product is stable.   |
| b. Conditions of Instability                        | No additional information.   |
| c. Incompatibility with Various Substances          | Not considered to be reactive.                                       |
| d. Hazardous Decomposition Products                 | Products of Combustion include : carbon oxides(CO,CO <sub>2</sub> ). |
| e. Hazardous Polymerization                         | Will not occur   |

#### **11. Potential Chronic Health Effects**

- |                        |  |
|------------------------|--|
| a. Toxicity to Animals | This product has not been tested for animal effects. |
|------------------------|--|

- |   |  |
|---|--|
| b. Chronic Effects on Humans                        | No additional information.             |
| c. Other Toxic Effects on Humans                    | Not considered to be toxic for humans. |
| d. Special Remarks on Toxicity to animals           | No additional remark.                  |
| e. Special Remarks on Chronic Effects on Humans     | No additional information.             |
| f. Special Remarks on Other Toxic Effects on Humans | No additional information.             |

## **12. Ecological Information**

- |   |                |
|---|----------------|
| a. Ecotoxicity                                | Not available. |
| b. BOD5 & COD                                 | Not available  |
| c. Toxicity of the Products of Biodegradation | Not available  |

## **13. Disposal Considerations**

- |                      |  |
|----------------------|--|
| a. Waste Information | Waste must be disposed of in accordance with each environmental control regulations. |
| b. Waste stream      | Not available.   |

## **14. Other Information**

The data contained in this MSDS and recommendations presented herein are based upon information considered to be accurate, as of this date. However, Sun Young Chemical Co.,Ltd makes no guarantee or warranty, either expressed or implied, of the completeness of this data and recommendations, and assumes no liability in connection with any use of this information.