

## COSMOS PLASTICS & CHEMICALS

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### 1. Identification of Substance:

Product details :  
Product Code : **HUK-0001**  
Product Name : **KETONIC RESIN UK - 100**

### 2. Composition/Data on components:

#### Chemical Characterization

CAS# : 25054-06-2

Chemical Abstract Name: Formaldehyde, Polymer with  
Cyclohexanone

### 3. Hazards Identification:

No hazardous substance or preparation according to EEC-Directives Hazard designation: Void

### 4. 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.

## **5. 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, an 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

## **6. 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.

## **7. Handling & Storage:**

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

## **8. Exposure Controls & personal protection:**

### **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.

## **9. Physical and Chemical Properties:**

Form : Solid

Color : Pale Yellow

Odor : Slight

VISCOSITY By FC B4 @ 30°C : 20-22 Sec  
( 50% in Ind. Ethanol)

MELTING POINT /Range : 92°C -102°C

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

## **10. Stability and reactivity:**

Stability: Stable

Hazardous Polymerization: Will not occur  
Conditions to avoid:  
Heat, Open Flame or other sources of ignition.

## **11. 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

## **12. Ecological Information:**

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

## **13. Disposal Considerations:**

Product: Recommendation Must be specially treated under adherence to official regulations.

Uncleaned packaging:

Recommendation Disposal must be made according to official regulations.

## **14. Transport Information:**

Not classified according to transport regulations for dangerous goods (like ADR/RID etc.)

## **15. 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

## **16. Other Information**

**THIS IS ONLY SAMPLE MSDS AND DOES NOT CONFIRM TO ANY ONE PARTICULAR PRODUCT**