



# Technical Data Sheet: HP6401

## Product manual

**HP6401** is a urethane acrylate oligomer ; It has excellent physical properties, which can improve toughness and wear resistance . It can be used as a functional resin or a main resin for UV / EB curing coatings, such as 3C coatings, flooring, metal, and paper coatings.

## Product features

High hardness  
 High temperature resistance  
 High toughness, vibration and wear resistance  
 Good adhesion  
 Good weather resistance  
 Excellent abrasion resistance

## Suggested application

Plastic coating  
 VM coating  
 Wood coating

## Specifications

Functional basis (theoretical)	3
Appearance(By vision)	Little yellow to clear liquid
Viscosity ( cps/25°C )	400-900
Color (Gardnr)	≤ 2
Efficient content(%)	75±5

## Packing

Net weight 50KG plastic bucket and net weight 200KG iron drum

## Storage conditions

Store product indoors at temperatures greater than product's freezing point (or greater than 0C/32F if no freezing point available) and **below 38C/100F**. Avoid prolonged (longer than shelf-life) storage temperatures above 38C/100F. Store in tightly closed containers in a properly vented storage area away from: heat, sparks, open flame, strong oxidizers, radiation, and other initiators. Prevent contamination by foreign materials. Prevent moisture contact. Use only non-sparking tools and limit storage time. Unless specified elsewhere, **shelf-life is 6 months from receipt**.

## Use matters

Avoid touching the skin and clothing, wear protective gloves when handling;  
 Leak with a cloth when the leak, and wash with ethyl acetate;  
 for details, please refer to the Material Safety Instructions (MSDS);  
 Each batch of goods to be tested before they can be put into production.