

## \*\*\*\*\* Hei-Mex 6401 \*\*\*\*\*

## 1.Characterization

The Hei-Mex 6401 peelable coatings are known as the temporary protection of high-quality products, such as metal and glass, from mechanical damage or the effects of the environment.

## 2. Specification

Property		Hei-Mex 6401	Remarks
Form supplied	-	Light yellow liquid	Solvent type polyurethane resin
Film appearance	-	Transparent	Polyurethane resin
Viscosity	sec	< 110	JIS K 5600-2 IWATA CUP NK-2
Non-volatile content	%	20	1.0g/2hours/80°C (convection oven)
Solvent content	%	80	Ethyl acetate, IPA

## 3.Film properties

Property		Value	Remarks
Tensile strength	MPa	35	JIS K 7113 (100mm/min)
Elongation at break	%	350	
Peeling property	-	Metal/FRP	Good peelability
Heat resistance	80°C	Within 2 months Good peelability	<ul style="list-style-type: none"> <li>• Recommended dry film thickness 50µm.</li> <li>• Do not expose to direct Sunlight.</li> <li>• Base material : SPCC</li> </ul>
Weather resistance	1000hr	Good peelability	JIS K5600-7-7 <ul style="list-style-type: none"> <li>• Dry film thickness 50µm.</li> <li>• Base material : FRP</li> </ul>

These values provide general information and are not part of the product specification.

## 4. Necessary tools

Paint tools exclusively for solvent-type paints.

## 5. How to use

Apply the paint in the same way. When the coating is dry, it can be peeled off.

## 6. Drying conditions

After painting, let it dry at any temperature/hour. The drying time needs to be adjusted according to the thickness of the coating film, the environmental temperature, and the environmental humidity. As a measure of the time, please refer to the following conditions.

Temperature Thickness	A measure of finger drying time(Minutes)		
	25°C	40°C	60°C
10µm	3	1	0.5
20µm	6	1	0.5

※When the drying time is insufficient and the coating film is uncured, it is not possible to show the original peelability.

※The higher the environmental humidity, the slower it is than the above drying time.

## 7. Precautions for handling

- Install local ventilation facilities at places of handling.
- Use protective equipment like protective glasses, gloves, etc. to avoid direct contact.
- Depending on needs, use respiratory protection like gas mask or respirators.
- Handle containers with care not to spill content.
- Recommend hand and mouth-wash after each handling.
- Make handling place no-smoking and prohibit use of naked fire and high heat generator.

## 8. Notes on molding

If you want to thick film (100µm or more), dry at room temperature without heating.

## 9. Health and Safety Precautions

- Please be careful about ventilation as well as to install a local exhaust system in the work place.
- Be careful not to touch the skin directly, and wash it off with soapy water immediately if it comes into contact.
- It may become a rash if left in contact for a long time.
- If the raw material enters your eyes, rinse your eyes with running water immediately for about 15 minutes and see an ophthalmologist.

## 10. Fire Services Act

Dangerous class II, 1th Petroleum group, 4th Dangerous Material group.