### **DI-NOC Primers**

#### 1. EC-1368





PRIMER DP-900
1 Liter
Lot. No. 27405- Keep out of reach of children.
For industrial or professional use only.
Tarray and Conditions The Subserg in make in No. of all securities, express in
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agree next agreet by offices of seller and manufacture
WARNING !
COMBUSTIBLE
May Cause Eye Initiation. May be Initiating to Skin on Pro-longed
or Repeated Contact.
Keep way from heat and open frame. Avriat my contact
Avoid prolonged or repeated skin contact. Avoid prolonged breathing
of express the only is well seconded areas with sufficient an movement to maintain arbany valuer concentration at recognized
health and safety leader. Killigt container closed when not in use.
Eye Contact: Flight eyes remainship with priority of water Call a
Inin Connect Wath with size and water
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A ## 70-T / # # # #
SUMITOMO SM LIMITED MADE IN JAPAN



#### 3. WP-2000





### Why 4 primers?

- To make application onto substrates, that are not suitable for application, possible
- To increase adhesion in critical area's
- Due to the great diversity in substrates different primers are inevitable
- Some primers can't be used indoors due to legislation in regard to solvents, etc..
- Always test the best suitable primer when there is doubt about compatibility with the selected substrate

## EC-1368 or EC-1357

#### Solvent based

• Blend of petroleum naphtha, toluene, and ketones Formulation is changing to Toluene free

#### Synthetic rubber type

• Light yellow in color

#### High viscosity

- 25% Solids
- It should be diluted with thinner (toluene ,etc.)

#### General use

- Compatible with many substrates
- PVC (including plasticizer) and Mortar are excluded (DP-900 is preferable on these substrates.)

### **DP-900**

### Solvent type

Blend of toluene and ethyl acetate

Formulation is changing to Toluene free.

- Polyurethane type
  - Desiccant is enclosed to prevent reaction with moisture
  - Prevents plasticizer migration and alkali-penetration
- Low viscosity
  - 14% Solids
  - Dilution isn't necessary
- Attention
  - Use DP900 when DI-NOC is applied onto DI-NOC

## **WP-2000**

- Water based
  - It's effective for solvent free use
- Synthetic rubber type
  - Light blue
- High viscosity
  - It should be diluted with water
- Limited amount of compatible substrates
  - Gypsum board, calcium silicate, and plywood are recommended
  - WP-2000 can't be applied on plastics and metals
- Attention
  - When WP-2000 is applied on plywood, dilution ratio should be 2-3 times

### **WP-3000**

- Water based
  - It's effective for solvent free use
- Very high adhesion
  - WP-3000 shows very high adhesion with acrylic PSA
- High viscosity
  - If necessary, WP-3000 should be diluted with water, max. 50%
- Limited substrate
  - Some plastics and metals can't be applied
- Attention
  - Too high adhesion makes application difficult. WP-3000 should be used for small area (edge of complicated shapes, 3dimensional shapes, etc.)

## How to apply primer

- Surface preparation
  - Clean substrate as you would for standard application (see also presentation DI-NOC application)
- Primer application
  - With standard brush > thicker layer
  - With lacquer roller > thinner layer



- Drying
  - Follow instructions of specific primer
  - Usually 20 to 30 minutes is sufficient at room temperature
- Always use 5 cm wide primer layer beneath butt-join to minimize possible shrinkage













## Substrate compatibility overview

	SUBSTRATE						
SURFACE PREPARATION	Wood Luan Veneer Chinese Veneer Hardboard	Plaster Board Calcium Silicate Board (with sealer coating) Asbestos Slate	PVC Coated Steel DI- NOC™ applied over DI- NOC™	Mortar (with sealer coating)	Bonderized Steel Plate Baked Enamel Paint on Steel	Aluminum Plate Stainless Steel	Plywood, MDF board Painted or coated metals ,etc.
Primer	DP-900N	WP-2000, DP-900N	DP-900N		DP-900N	DP-900N	WP-3000
	Whole Surface				Edge or critical area of surface only		

Wait 15 – 30 minutes for drying DP-900N before applying DI-NOC<sup>™</sup>. However, if the application

surface temperature is below 10°C, you will need to wait 2 - 3 hours after applying primer.