

PAINT STRIPPING

# Rhodiasolv® STRIP

## New Generation of Sustainable Ingredients for Paint Strippers

**Rhodiasolv® STRIP** is the innovative sustainable ingredient from Rhodia for formulation of dichloromethane-free paint strippers.

➤ Based on **Rhodiasolv® IRIS** – Pierre Potier\* award winning solvent – **Rhodiasolv® STRIP** enables formulators to combine the required Health, Safety and Environment profile with high functional performance.

### ➤ Key benefits in paint stripping

#### Eco-Friendly & Safe

- ▶ Readily Biodegradable
- ▶ Non toxic, non flammable and not labelled
- ▶ Non VOC - EU legislation [1999/13/EC]
- ▶ Non-irritant, non-sensitizer

#### High-Performance

- ▶ Faster to remove multiple acrylic layers on masonry than conventional Diesters
- ▶ Less product reapplication: **Rhodiasolv® STRIP** has a low evaporation rate hence longer active time on the surface and no need to reapply the product as many times as with dichloromethane formulations

#### Formulation Flexibility

With **Rhodiasolv® STRIP** formulators can target multiple consumer groups with various expectations: professional, industrial and “do it yourself” to:

- ▶ Achieve high-performance solutions
- ▶ Target safety profile (e.g. non-labelled, Xi, Xn)
- ▶ Formulate easily in specific conditions: can be heated, can be thickened

### Rhodiasolv® STRIP designed for a broad range of formulations



#### Paint

- ▶ Acrylic
- ▶ Alkyd
- ▶ Acrylic-urethane



#### Substrates

- ▶ Wood
- ▶ Masonry
- ▶ Metal



#### Applications

- ▶ Vertical surfaces
- ▶ Dipping tank



#### End-use

- ▶ In all locations
- ▶ Multiple packaging
- ▶ Low odor



\* **The Pierre Potier French Award** is a scientific and technological prize that rewards chemical manufacturers who engage in innovation to support sustainable development. Rhodia has received the Pierre Potier Prize for its Rhodiasolv® IRIS range of a new-generation solvents that provide a more eco-friendly and safer alternative to traditional solvents. (2009)

At Rhodia, the way we do business with our customers is driven by innovation, partnerships and best practices sharing to create jointly sustainable value.

**RhodiaWay**<sup>™</sup>  
“The way we do business”

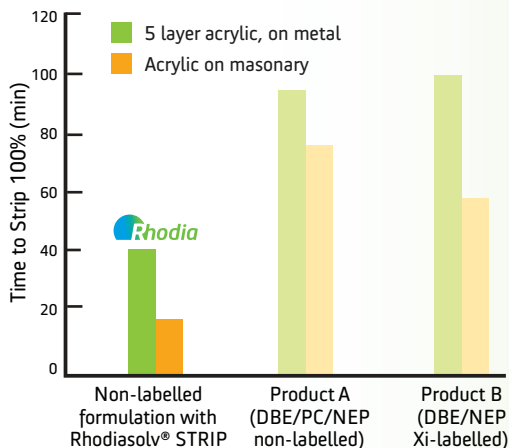
# Use Rhodiasolv® STRIP to design safe paint stripping formulations

## Non-labelled formulation with Rhodiasolv® STRIP

<b>Rhodiasolv® STRIP</b>	<b>74.85%</b>
DMSO	20%
Lactic Acid	3.5%
Water	0.75%
Methanol	0.9%
Thickening: Methocell	1.5%



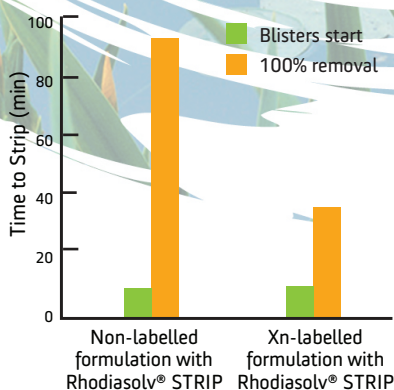
## ➤ Rhodiasolv® STRIP improves speed and penetration compared to other non-labelled or Xi-labelled formulations



Product A and B:  
Commercial Paint Strippers  
DBE: Dibasic ester  
PC: Propylene carbonate  
NEP: 1-ethyl-2-pyrrolidone

## Use Rhodiasolv® STRIP to achieve the highest performance in paint stripping

## ➤ Dramatically reduce stripping time by formulating stronger-labelled solvents with Rhodiasolv® STRIP.



Data generated in Rhodia laboratories at room temperature

## Xn-labelled formulation with Rhodiasolv® STRIP

<b>Rhodiasolv® STRIP</b>	<b>28%</b>
Benzyl Alcohol	26%
Benzyl Formate	26%
Solvesso 150N	
Ethyl ethoxy propionate	10%
Formic Acid	10%
Thickening: Methocell	1.5%



## Rhodia experts network dedicated to customer's success

- Rhodia's **expertise in the paint market** makes us better understand your needs for paint stripping
- **Safe and secured supply-chain** offers fast and reliable product delivery globally
- **Dedicated tech-service experts** provide formulation and application support adapted to specific customer needs
- Rhodia's **expertise in environmental and regulatory affairs**, including a HSE global network, helps you meet the challenging regulations of the paint stripping industry



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