

STRIAL UM-21U

Paint remover

STRIAL UM-21U is an immersion-type, chlorine-free remover that removes cured coatings that have adhered to painting jigs.

■ Features

✓ High removability

STRIAL UM-21U is a mildly alkaline remover, it quickly removes coatings such as polyurethane and epoxy, which are relatively difficult to remove.

✓ Less damage to jigs and tools

Compared to incineration and shot blasting, paint can be removed without any damage to jigs.

✓ Easy composition control

On-site control of chemical composition is possible by checking the liquid separation ratio.

✓ Low toxicity

STRIAL UM-21U is Halogen-free and contains no chlorinated compounds and ozone depleting substances.

■ Characteristics

Specific gravity	1.0(25℃)	pH	9 (1%aq)
Flash point	None	UN Number	Not applicable
Boiling point	≥100℃	UN Class	Not applicable
Solubility to water	Partly soluble	Marine Pollutant	Not applicable
Odor	Slight odor	RoHS, WEEE	Applicable

■ How to use

Please check the handling precautions, and use the product with full attention to safety.

The recommended usage conditions are as follows.

- 1) Put the chemical into a tank that can be heated (preferably made of SUS) and heat it (~90℃).

Higher chemical temp. can reduce the removing time, so using the chemical at 80~90 °C is recommended.

Put the object to be removed into the tank after the chemical reaches the control temperature.

*Recommended to use original evaporation suppressor (sealing agent) to reduce evaporation loss.

In that case, add a sealing agent with a thickness of at least 3cm(≥30L/m²).

- 2) After immersing for a certain time (removal completion time), take out the object



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to be removed and wash away the chemical remained on the object with water (recommended to use high pressure jet.).

Dispose of contents/container to local/regional/national/international regulations.

3) After rinsing with water, drain off and dry with air blow, etc.

Water droplets left on iron jigs or tools may cause rusting.

*Recommended to use the precoat agent "POLYCERAGUARD" by dipping after removal is completed.

(Effective for short-time removal, suppression of paint residue by anchor effect of welded parts, and rust prevention of jigs and tools)

■ Handling precautions

- This product may separate if left to stand for long periods. Shake the container well before use.
- This product may separate at low temperatures. In such cases, be sure to heat it to at least 60°C before use.
- Since the main component of this product is a flammable liquid, be sure to take safety measures to prevent dry firing when heating the product.
- No flame is allowed in a handling place. Use adequate ventilation in a working place.
- Keep containers tightly closed. Store at a designated place with adequate ventilation. Avoid direct sun light.
- Wear protective gloves/protective clothing/eye protection/face protection.
- When attached to skin, rinse skin with water/shower.
- When ingested, give plenty of water and immediately get medical advices.
- Caution should be exercised because the flash point may develop when the moisture contained decreases.
- Functioning local ventilation is desirable to let vapor go off from work environment.
- Dispose of contents/container to local/regional/national/international regulations.
- If the product is used in a way that generates wastewater, it should be treated to comply with the law before being discharged.

Please refer to SDS (Safety Data Sheet) for more information.

■ Package

18kg UN can

(Please note that specifications are subject to change for improvement.)

■ Remarks

To the best of our knowledge, the information contained herein is accurate.

However, we, KAKEN TECH CO., LTD. do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final



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determination of suitability of the above product is the sole responsibility of the user. The product may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

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