



# EXCARBONITE 12

Powder based product specially designed for the decoating of Cr and Si layers.

## COMPATIBILITY:

### SUBSTRATE

- Steel
- HSS
- Stainless Steel
- Titanium (excepting grades 5, 9 and 12)

### COATING

- Cr, CrN
- AlCrN
- TiAlSiN
- DLC / Cr
- DLC / Si
- Si, SiC
- WCC

## PHYSICAL AND CHEMICAL DATA AT 20°C (68°F):

- pH (1%): 10,8
- Appearance: White, yellow powder

## INSTRUCTIONS FOR USE:

- Step 1: Mix 10% of potassium hydroxide (50% grade) in water
- Step 2: Add 10% to 15% of Excarbonite 12
- Temperature: Heat up and operate decoating at 40°C (104°F)
- The reaction kinetics are fast, from 2h to 8h depending on the nature of the layer: Composition / Thickness / Structure / Mode of deposition
- Ultrasonic and agitation improve performances
- The bath must be placed under a hood or in a machine equipped with an air extractor
- The mixture must be disposed of as hazardous waste

## OTHER STRIPPING SOLUTIONS:

## BENEFITS:

- Very efficient on Cr Layers
- Decoat easily DLC / Cr, or DLC / Si
- Versatile
- Suitable for corrosion sensitive tools such as HSS

## STORAGE CONDITIONS:

- Keep hermetically sealed
- Keep the container between 5°C and 40°C (41 and 104°F) in a dry place.
- Always keep in packaging made from the same material as the original packaging (high-density polyethylene).

Please refer to the Safety Data Sheet for: Handling and Storage instructions, personal protection instructions, Disposal considerations.

For any other decoating operation, please contact NGL Cleaning GmbH which can offer you the services of its Top of the Art decoating facility.

	TiN, TiCN	AlTiN	AlCrN	TiAlSiN	CrN / Cr	DLC / Cr	DLC / Si	TiC / C
Carbide	U208	U208	C211	U208 / C211	-	DLC only	U208 / C211	U208 / C211
HSS	F56 / STI	F56 / STI	EXC12	EXC12	EXC12	EXC12	EXC12	JDC
Steel	F56 / STI	F56 / STI	EXC12	EXC12	EXC12	EXC12	EXC12	JDC
Stainless Steel	F56 / STI	F56 / STI	EXC12	EXC12	EXC12	EXC12	EXC12	U208 / C211
Titanium	JDC	C211	EXC12	EXC12	EXC12	EXC12	EXC12	C211
Aluminium	U208	U208	JDC	U208	JDC	JDC	JDC	JDC

U208: UNICERAL 208 / F56: FERRODEC 56 / C211: CERALTIN 211 / EXC12: EXCARBONITE 12 / STI: STRIPCOAT TITANIUM / JDC: JOB DECOATING CENTRE ONLY

