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PCS 218

ACID ACTIVATED SOLVENT BASED COLD PAINT STRIPPER.

PCS 218 is a cold immersion paint stripper which has been developed to overcome the problems associated with more stubborn coatings such as stoved enamel and powder coat systems.

PCS 218 may be used on both ferrous and non ferrous metals, breaking down the coating with minimal attack on base metal. Do not use on plastic. Ideal for jig stripping and rework reclamation where the multicoated films encountered require this strong acid accelerator and penetrant blend.

PCS 218 has also been widely used for alloy wheel stripping.

PCS 218 is used as supplied and must not be diluted with water. Avoid water contamination of the bath as this may lead to possible corrosion of some metal substrates.

Use of an oil seal (approx 5cm) is advised to prevent solvent loss from the bath.

Immerse components in stripper and agitate if possible to speed up stripping process. Immerse until the paint has been removed or is sufficiently loose to be removed fully by high pressure rinsing.

Operating Conditions

Concentration: As supplied

Temperature: Cold/Ambient.

Equipment: Mild steel tank or mild steel tank with high density polythene liner.

Filtration should also be installed to remove particulate matter stripped from the work. Use a removable wire mesh grill fitted below the work level. Removal of stripped paint regularly will enhance the life of the stripper.

Further details on plant requirements are available upon request from Performance Chemicals Ltd.

Testing and control

During use some solvent may be lost to the atmosphere and the strength of the product may fall. This will necessitate the need to add additional Methylene Chloride and or PCS 218 to restore the strength. The Specific Gravity of the product should be maintained above 1.15 by additions of Methylene Chloride (2% v/v multiple additions as required).

PCS 218 has a Pointage of approximately 25 on supply. If this drops below 15, replenishment is necessary by the addition of more PCS 218. If the pointage cannot be maintained at S.G. 1.15 then the solution should be discarded and replaced.

When testing do not use glassware as this can be etched by the solution.

Solutions required

Meta Cresol Purple Indicator (A)

1N Sodium Hydroxide Testing Solution (B)

The concentration should be measured as follows:-

- Take a 10ml sample of the batch solution (filtered). Add to this 100ml of deionized water and a few drops of indicator solution A. Titrate with testing solution B until colour changes from reddish purple to yellow and then to blue. The number of ml of solution B required is known as the Pointage of the solution.