

# FoundryGeneral® Metal Cleaner HF (FC-47-HF)

Cold Box Metal Cleaner

## TYPICAL PROPERTIES

- Appearance and odor = Clear, light amber liquid
- pH = NA
- VOC (EPA 24) = 7.8 lbs/gal
- Density = 8.1 lbs/gal
- Flashpoint = 145 °F

## Description

FoundryGeneral® Metal Cleaner HF is a non-chlorinated blend of ingredients formulated for the foundry industry to remove urethane resin from tooling and core boxes. This unique formula is effective in cleaning even the most complex core box designs. Due to its relatively slow evaporation rate, FoundryGeneral® Metal Cleaner HF remains active on the contaminated surface for long periods of time, making it more effective than other cleaners. FoundryGeneral® Metal Cleaner HF is designed for “on-line” Cold Box tool maintenance. FoundryGeneral® Metal Cleaner HF should not be used on nonmetallic patterns, core boxes or tooling. The metal cleaner is made from renewable resources and is a sustainable alternative to other metal cleaners.

## Recommended Application

- 1 FoundryGeneral® Metal Cleaner HF is used as received.
- 2 It can be applied using either spray or brush applications.
- 3 Allow product to set for 3-10 minutes. To provide proper removal, it is recommended that the product be allowed to set for a period of approximately three (3) to ten (10) minutes, depending on the severity and thickness of the resin to be removed.

## Benefits

- Effective resin removal
- Non-chlorinated

## Material Compatibility

Product is combustible, avoid heat, sparks and open flames. Avoid strong oxidizing agents (i.e. bleach) and strong acids.

## Health & Safety

Avoid contact with skin and eyes; wash thoroughly after handling. Avoid breathing vapor; use with adequate ventilation. Refer to SDS for complete health and safety information.

## Storage

Product should be stored in sealed container to avoid moisture pick up between uses. FoundryGeneral® Metal Cleaner HF is a combustible liquid and should be stored away from sources of sparks and temperature extremes. With proper storage, shelf life is 1 year from date of manufacture. Please refer to SDS for complete storage information.

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### **Application**

Please Note: Due to the relatively slow evaporation rate, when compared to Methylene Chloride based formulas, additional care or air blow off may be necessary before resuming production.

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