

# Technical Data Sheet

Creation date : September 22, 2004

Latest change : April, 10 2013

Number of pages : 2

## General

Article number : 009819  
Description : Cleaning Fluid HR 1000



## Specification

HR 1000 is a fast action, safe biodegradable paint stripper and ink remover.

### General description

HR 1000 is a fast action paint stripper, formulated from safe, biodegradable components. It is specially developed as a safe, quick, ecological answer to problems related to paint stripping, ink and coating removal. HR 1000 is a revolutionary safe replacement for many harmful and environment damaging paint strippers and solvents. With this product Hamach announces a new era, taking into account man and his environment, without compromising on product effectiveness.

### Packing

HR 1000 is packed in polyethylene drums. When incinerated, polyethylene has no harmful effect on the environment.  
10 l pro drum.

## Remarks

### The problems.

Aggressive, harmful and environment damaging products are often used to remove paint or other coatings. These products contain methylene chloride, methanol and aromatic hydrocarbons etc. all of which are very dangerous to health and environment. These substances largely contribute to O.P.S. (Organo Psycho Syndrome).

### The answer.

HR 1000 has a mild odor and is completely free of methyl chloride, methanol and aromatic Hydrocarbons and is based on biodegradable components. HR 1000 is safe and fast acting.

### Special features:

HR 1000 may be used for both, interior and exterior applications.  
HR 1000 has a mild odor and is pleasant and economic in use.  
HR 1000 is liquid and so can be used by spraying, dipping or brushing.  
HR 1000 is safe to use because of its high flash point and low vapor pressure.  
HR 1000 is biodegradable; HR 1000 is silicone free.  
HR 1000 contains no chlorinated solvents, no methanol and no aromatic hydrocarbons.

**Typical applications**

HR 1000 may be used for the removal of synthetic and water dilutable alkyd resin systems, chlorinated rubber paints, hybrid systems, dispersion paints, poly-urethane alkyds, varnishes, certain types of glue and various kinds of ink.

**Method of use**

Apply HR 1000 by brushing, spraying or dipping. Leave for between 1 and 30 minutes. The time will depend on the type of system, the ambient temperature and the film thickness.

Coverage HR 1000 is applied at approx 250 ml/m<sup>3</sup>. The precise coverage will depend on the type of paint, the ambient temperature and the paint film thickness.

Remark: although HR 1000 is a safe product, it is advised to avoid prolonged skin contact because of strongly defatting action of the product. The product is to be tested first before use on plastic surfaces.

**Created by :**

E.M.M. International BV  
Marsweg 59  
8013 PE Zwolle  
The Netherlands

phone +31 38 4676600

fax +31 38 4676699

[www.emm.com](http://www.emm.com)