

COATING

FOOD

HEALTH

RECYCLABILITY

Solvents for Metal Packaging

Why is the role of solvents essential?

For metal packaging, coating and printing techniques are applied either to flat sheets or to the finished form ("round printing"). Coatings serve not only decorative purposes but also protect the packaging inside and outside against corrosion. Various solvents or solvent mixtures are used in these processes, ranging from hydrocarbons to ketones and esters.

Areas of solvent use:

- **Product contents:**

Many metal packages contain solvent-based products such as paints, cleaning agents, or industrial chemicals.

- **Printing and coating:**

Solvents in inks and coatings control drying speed and ensure good adhesion. They are also used in the production of internal coatings to protect the contents from corrosion.

- **Cleaning and degreasing:**

During production, solvents are used to clean metal surfaces. Before recycling or disposal, containers are also cleaned with solvents.

- **Recycling:**

In certain recycling processes, solvents help separate composite materials such as aluminium and plastic.



SPOT ON

Acetone (CAS 67-64-1 - EC 200-662-2)

Ethanol (CAS 64-17-5 - EC 200-578-6)

Xylene (CAS 1330-20-7 - EC 215-535-7)

Toluene (CAS 108-88-3 - EC 203-625-9)

Methyl Ethyl Ketone (MEK) (CAS 78-93-3 - EC 201-159-0)

n-propanol (CAS 71-23-8 - EC 200-746-9)

Isopropyl Alcohol (IPA) (CAS 67-63-0 - EC 200-661-7)



INDUSTRIAL & PROFESSIONAL USE

Benefit Green Deal

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EUROPEAN SOLVENTS INDUSTRY GROUP

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EU Transparency Register n° 64879142323-90

