



TECHNICAL BULLETIN

GREENSOLV 920EK LOW VOC SOLVENT DEGREASER AND PAINT THINNER

1) PRODUCT DESCRIPTION

GREENSOLV 920EK is a low toxicity and low VOC paint thinner that can be used as a solvent wipe for metals, to reduce paint (epoxies and polyurethanes) and to clean paint lines and guns. It is excellent to dissolve and clean ink, oil and grease on various substrates. It dissolves most types of fresh paint in a very short time while not affecting cured paint. When used to clean metals or other substrates, it will flash off rapidly, leaving a dry and clean surface.

GREENSOLV 920EK is flammable and fumes may catch fire! Avoid sources of ignition, sparks or flames. Use only in a well ventilated area.

Typical applications:

- **Reducing epoxy and polyurethane coatings;**
- **Cleaning paint guns and hoses;**
- **Solvent-cleaning for metals and other compatible surfaces.**

2) ADVANTAGES

GREENSOLV 920EK is based on an elaborated blend of solvents that combine high efficiency while being much safer than conventional thinner for the environment and users.

Its main benefits are:

- Highly efficient at dissolving all types of fresh paint;
- Contains no ethanol, xylene, toluene or mineral spirits;
- Lower VOC;
- Lower toxicity;
- Evaporates quickly without leaving any film;
- Compatible with epoxies and polyurethanes.

3) PHYSICAL PROPERTIES

Appearance.....	colorless clear liquid
Odour	ketone
pH (Sol. 1%).....	4.5 – 5.5
Solubility in water	partially soluble
Specific Gravity.....	0.8 – 0.9
Flash point (closed cup)	> -18°C
VOC content.....	138.6g/L

4) PROCEDURE

- **Degreasing metals and other compatible surfaces**
 - Wipe (with a clean rag) or spray **GREENSOLV 920EK** on the surface to be cleaned;
 - Rapidly wipe off solvent and contaminants with a rag or a brush before the solvent evaporates;
 - **GREENSOLV 920EK** is a fast evaporating solvent that will leave a dry and clean surface ready to be painted.

- **Reducing coatings (epoxy / polyurethane)**
 - Prepare the coating with part A and part B as indicated by the manufacturer;
 - Add **GREENSOLV 920EK** to the coating as needed or up to 10% by volume;
 - Mix **GREENSOLV 920EK** with the coating until it is homogeneous;
 - Start painting.

- **Cleaning paint equipment**
 - Empty the paint pot as much as possible;
 - Rinse paint pot and equipment with **GREENSOLV 920EK**;
 - Reapply if necessary;

NOTE: *Two-stage cleaning is a no-cost practice used to extend the life and effectiveness of the cleaning solvent. Empty the paint pot as much as possible, then:*
First stage: rinse paint pot and equipment with used solvent;
Second stage: clean paint equipment with clean solvent

When the two-stage system stops cleaning effectively, replace the first stage solvent with the second stage solvent. Then replace the second stage solvent with fresh solvent and recycle the waste solvent from the first stage.

5) PERSONAL PROTECTION

GREENSOLV 920EK is flammable and fumes may catch fire! Avoid sources of ignition, sparks or flames. Ground the drum if used in a production area. Use only in a well ventilated area.

- Chemical resistant gloves
- Safety glasses

6) STORAGE

Store GREENSOLV 920EK in a cool and well ventilated area at a controlled temperature between 0°C and 25° C. Store in a closed container when not in use. The shelf life of the product has been determined to be three (3) years.

7) PACKAGING

FORMAT

Pail (18.9L)

Version:

3

Last Update:

March 2007

LABEL

WHIMS