



# Liquid Release Wax IZHWAX AERO (glossy) Instruction for Use

Designed for wax spraying with a spray gun or an aerosol bottle. Reduces die treatment time by 60 to 70 % as compared to paste waxes.

## PURPOSE:

Create a release layer to ensure multiple part removal from a die and obtain smooth and glossy surface.  
Used for production of articles made of the materials based on epoxy, polyester, vinyl-ester, acrylic, and other resins.

## PROPERTIES:

- Cost effective (**with approximate wax consumption of 10 to 15 g/m<sup>2</sup>**)
- Easy to apply
- Fast drying (5 to 10 min)
- Easy to polish
- Leaves no marks or stains after polishing
- Thermal stability up to 80 °C



## IMPORTANT!

Carefully read the Instruction for Use through! If you have any questions, contact us via phone or e-mail as below!  
Before use, experimentally apply to and remove articles from a roughing die.

## APPLICATION METHOD:

SHAKE A BOTTLE OR A CAN WELL, BEFORE USE.

APPLY TO CLEAN AND DRY SURFACES, AT THE COMPOUND TEMPERATURE AT LEAST 15 °C.

### FOR SPRAY GUNS:

When applied with a spray gun, use gun **HVLP** with nozzle of 1 to 1.5 mm. Adjust liquid and air supply so that fine mist is obtained, similarly to application of release alcohol **PVA**. Do not over-apply! Over-application has no impact on release properties, but increases the material consumption. Upon completion, add cleaner **IZHWAX CLEANER** to the spray-gun tank and clean it under compressed air.

### FOR AEROSOL BOTTLES:

Apply evenly, from a distance of **10 to 15** cm. Upon completion, turn the bottle upside down, press and hold the spray nozzle pressed for **3 to 5** s to remove wax residues.

## DIE TREATMENT METHOD:

1. When commissioning new or green dies and/or using gelcoatless molding, apply **5 to 7** layers with interlayer hold time of **10 to 15** min, when treating a reconditioned die. Hold for **30** min after the last polished layer.
2. When refreshing a release layer on operational dies, apply **one** layer, hold for **5 to 10** min, and polish. **IZHWAX AERO** can be applied over the dies already treated with any paste wax **IZHWAX**, which allows much faster refreshing of the release layer.
3. After **each** layer gets dry, remove excess wax with a microfiber cloth, in gentle motions, until the surface gets glossy.
4. Use the die until it gets slightly difficult to release; then, add an additional wax layer.
5. Use die cleaner **IZHWAX CLEANER** to clean dies from wax excess and contamination.

**SAFETY PRECAUTIONS:**

Bottles are pressurized! Protect against direct sunlight or heat exceeding 50 °C. Do not spray near open flame or hot surfaces. Apply in a well-ventilated area. Do not disassemble. Keep away from children. Comply with fire prevention regulations. Do not inhale. In case of eye contact, rinse with water and seek medical advice. When applying, use personal respiratory, skin, hands, eye protection equipment and special clothes.

**COMPOSITION:** Natural wax mixture, modified resin mixture, solvent mixture.

**PACKAGING:** Aerosol bottle, with net weight of 0.22 kg. Metal can, with capacity of 1 l, 3 l.

**STORAGE:** Store at temperature not exceeding 50 °C. Avoid direct sunlight.

**SHELF LIFE:** Shelf life is 24 months from the date of manufacture, provided the storage conditions are observed.

The product is not subject to regulatory certification.

**NOTICE:**

The information above is provided based on our current knowledge and experience. The Buyer may run own trials due to various applications of the release wax under its own production conditions, at its own risk. We do not make any legal warranties herein with respect to certain properties of the release wax or its fitness for a particular purpose.

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