



*“We are
The Release
Agent People”*

Technical Advanced Group

Application ranges

- **GRP**
 - Acrylic resins
 - DCPD resins
 - Epoxi resins
 - Phenolic resins
 - Polyester resins
- **Composite**
- **Polymer**
- **Diecasting**
- **Laminate**
- **Wood products**
(MDF-OSB-Particle board)
- **Polyurethane**
- **Thermoplastic**
- **Miscellaneous**
- **Rubber**
- **Tires**
- **Glass Bottles**
- **Friction Material**

Product types

- **Release Agents**
 - Permanent
 - Semi-Permanent
 - Waterbased
 - Solventbased
 - Internal
- **Release-Wetting Agents**
- **Additives**
- **Anti-Block**
- **Outside Lubes**
- **Batch-Off**
- **Formaldehyde Scavengers**
- **Lubricants**
- **Hardeners**
- **Bladder Coatings**
- **Tire Lubes**
- **Plunger Lubricants**
- **Modifiers**
- **Wetting Agents**
- **Cleaners**
- **Surface Sealers**
- **Flow Promoter**
- **Air Release**
- **Supressing Agent**
- **Coating**
- **Hydraulik Fluid**
- **Pigments**
- **Antidust**
- **Defoamer**
- **Stabilizers**
- **Special products**



Sales partners all over the world

- Africa
- Asia
- Australia & New Zealand
- Europe
- Middle East & India
- Middle & South America
- North America (U.S.A. & Canada)
- Russia

High Performance Release Agents for Boat Builder

TAG Chemicals – Technical Advanced Group

TAG Chemicals GmbH has been founded in 2003 as a branch of the TAG-Group. Our goal is the development, production and marketing of special chemicals.

Our experience is based on special chemicals, especially the production of all sorts of release agents.

TAG Chemicals has many years of worldwide experience and is proud to have very good relationships to all of its customers.

We attach great importance on research and development to ensure that our customers always receive best possible products.

The base of our company's philosophy is:

- **Supporting our customers with qualified technical service.**

- **Resolving process- & formulation problems.**

- **Permanent improving of our product line by means of constant development and innovations.**

Base Coats & Permanent Coatings	Semi-Permanents (solvents)	Semi-Permanents (water)	Waxes (solvents)	Conventional (water)	Additives	Cleaners
<p>DexSeal & Aquacoat 1984</p> <ul style="list-style-type: none"> • DexSeal is a base coat material to seal the surface porosity and minor scratches in metal and composite molds. The base coat gives additional benefits by enhancing the release effect using the line of TAG release systems. • Aquacoat 1984 is a permanent coating for steel and solid aluminum molds especially suitable in pressing processes with short cycle times <ul style="list-style-type: none"> - application can be done stationary in workshop, away from production area - provides a stable production 	<p>DexCoat and SF- Series</p> <ul style="list-style-type: none"> • the DexCoat line of products are semi-permanent release agents with various adjustments, mainly designed for room temperature applications. Features are quick drying time, easy polishing, shiny surface or matt finish. • the SF-Series are designed for high temp. applications, giving the same features as the DexCoat line. The products formulation is completely balanced that it doesn't make a difference if the products are applied by spraying or manually by wiping. 	<p>Aquacoat SF-196</p> <ul style="list-style-type: none"> • is a semi-permanent release solution, providing true multiple releases per application • creates a hard and durable release film • is non-transferring • gives easy release with most resin systems • can be used on cold molds as well as high temperature applications • shows excellent results from lay-up to sophisticated prepreg applications • can be applied by spray or wipe-on • is suitable for steel, aluminum and composite molds 	<p>Liquids and Pastes</p> <ul style="list-style-type: none"> • liquid TM-111 SVX series can be used for various applications such as filament winding and mineral casting, where a good balance of release and slip properties are basic requirements. • the Hardwax 103 series consist of special wax-polymer compositions and can be used as base coat material for porous molds or working as release enhancer in critical areas of molds with complicated geometries. 	<p>TM-128 PP and Y-Series</p> <ul style="list-style-type: none"> • are conventional release agent solutions in water • have a special wax and polymer blend which provide excellent release and surface properties through a wide range of industrial applications • provide easy release and excellent surface appearances • multiple releases possible • easy to use 	<p>G-160's and G-170's Series</p> <ul style="list-style-type: none"> • internal release solutions for industrial applications such as pultrusion, SMC, BMC • release blends available throughout the line of resins and compounds in use • enhances the release effect • provide excellent slip and gliding during pultrusion process • good surface properties • drastically reducing water absorption • shows good results when restarting the pultrusion line after stops • Additives to improve surface properties such as scratch resistance in molding processes 	<p>DexClean and CL-90's Series</p> <ul style="list-style-type: none"> • consists of highly effective water based and solvent type cleaning agents • the blends are carefully formulated to remove traces of release agents and resins building up in the mold and on the part itself without being aggressive to the surface to be cleaned • application by brush, sponge or spray
<p>Advantages:</p> <ul style="list-style-type: none"> • easy release • durable protective coating • optimum effectiveness of release cycles • keeps molds clean • perfect finish/appearance of produced parts • best possible price/performance ratio • long shelf life 	<p>Advantages:</p> <ul style="list-style-type: none"> • easy release • no built-up • no transfer • easy to handle • perfect finish/appearance of produced parts 	<p>Advantages:</p> <ul style="list-style-type: none"> • water based • no VOC • easy release • no built-up • no transfer • true multiple releases • long shelf life • eco-friendly 	<p>Advantages:</p> <ul style="list-style-type: none"> • easy release • stable product • excellent surface properties • easy to apply • low consumption 	<p>Advantages:</p> <ul style="list-style-type: none"> • water based • no VOC • easy release • perfect finish/appearance • cost effective • stable production process • eco-friendly 	<p>Advantages:</p> <ul style="list-style-type: none"> • easy blending in compounds • no negative interference of properties • improves water absorption rates • good surface appearance • stable process 	<p>Advantages:</p> <ul style="list-style-type: none"> • highly effective • reducing cleaning time • water and solvent based • adjustable product • easy cleaning, no harm to molds or tools
<p>Technical Properties:</p> <p>Density: 1.0 g/cm³</p> <p>Color: clear to opaque</p> <p>pH-Value: 8</p>	<p>Technical Properties:</p> <p>Density: approx. 0,76 g/cm³</p> <p>Color: clear</p> <p>pH-Value: n/a</p>	<p>Technical Properties:</p> <p>Density: 1.0 g/cm³</p> <p>Color: white</p> <p>pH-Value: 9</p>	<p>Technical Properties:</p> <p>Density: 0.8 g/cm³</p> <p>Color: white</p> <p>pH-Value: n/a</p>	<p>Technical Properties:</p> <p>Density: 1.0 g/cm³</p> <p>Color: white</p> <p>pH-Value: range from 3 – 10</p>	<p>Technical Properties:</p> <p>Density: 0.8 g/cm³</p> <p>Color: clear/yellow/brown</p> <p>pH-Value: n/a</p>	<p>Technical Properties:</p> <p>Density: 0.7 – 1.0 g/cm³</p> <p>Color: clear</p> <p>pH-Value: range</p>

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