



Technical Advanced Group

**New Distributors  
Welcome!**

#### 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



#### 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**

#### 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**

Release Agent and Additives for Rubber

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## 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.**

Permanent	Semi-Permanent	Semi-Permanent	Semi-Permanent	Lubricants	Additives	Batch-Off
<b>Aquacoat 1984</b>	<b>Aquacoat SR-41 – SR-43 Series</b>	<b>Aquacoat SR-61 Series</b>	<b>Aquacoat SK-44 – SK-45</b>	<b>Aqualube 931</b>	<b>IMR-859</b>	<b>AntiTack 806 Series</b>
<ul style="list-style-type: none"> <li>• is a permanent mold release solution</li> <li>• provides easy release on a permanent basis</li> <li>• eliminates/reduces usage of semi-permanent release agents</li> <li>• drying away without leaving residues</li> <li>• no transfer of release agent to produced parts</li> <li>• eliminates/reduces mold fouling</li> <li>• continuous stable process</li> <li>• easy application and removal process</li> <li>• application can be done stationary in workshop, away from production area</li> <li>• cost reduction and acceleration of cleaning process when carriers for bonding agent application in automatic spraying round-tables are coated!</li> </ul>	<ul style="list-style-type: none"> <li>• high performance semi-permanent release agents for rubber-metal bonding applications</li> <li>• suitable for nearly all compounds in use</li> <li>• strong release power, even at elevated temp.</li> <li>• low consumption – reduces mold fouling – extends tool life before maintenance</li> <li>• formulation can easily be adjusted to demands</li> <li>• non-transferring polymer blend</li> <li>• provides excellent slip without greasy, oily touch</li> <li>• provides easy release for up to one shift/spray</li> <li>• easy application with conventional release agent spraying equipment (0.5 mm nozzle)</li> </ul>	<ul style="list-style-type: none"> <li>• line of quality semi-permanents especially suitable for compression molding applications such as conveyor belts</li> <li>• high release power, excellent performance</li> <li>• low consumption – reduces mold fouling – extends tool life before maintenance</li> <li>• due to durable film building the product is not transferring to molded parts</li> <li>• excellent flow properties</li> <li>• dry touch</li> </ul>	<ul style="list-style-type: none"> <li>• high performance TAG semi-permanent release agents for silicone rubber</li> <li>• provide an almost permanent release film</li> <li>• water based</li> <li>• recommended for sophisticated silicone injection application</li> <li>• due to durable film building the product is not transferring to molded parts</li> <li>• excellent flow properties</li> <li>• dry touch</li> </ul>	<ul style="list-style-type: none"> <li>• is a performance lubricant system, designed for rubber-metal mounting operations with critical quality demands</li> <li>• drying away without leaving residues for optimal seat in shaft basis fit</li> <li>• free of mineral oils and silicone</li> <li>• provides perfect slip for easy mounting</li> <li>• can be applied by brush, sponge or dipping</li> <li>• drying time can be adjusted</li> <li>• best in class product!</li> <li>• specialty lubricant formulations for production of transmission belts</li> </ul>	<ul style="list-style-type: none"> <li>• internal mold release granular for compounding</li> <li>• reduction of process oils in rubber formulations</li> <li>• enhances the release effect</li> <li>• universal for nearly all natural and synthetic rubber compounds</li> <li>• better dispersion of fillers</li> <li>• improves surface appearance</li> </ul>	<ul style="list-style-type: none"> <li>• TAG line of quality Batch-off products</li> <li>• provides a smoothly running production process</li> <li>• no negative interference during injection and vulcanisation</li> <li>• perfect wetting of unvulcanized rubber</li> <li>• available on soap and stearate basis</li> <li>• contains wetting and film forming polymers as well as anti-corrosion additives</li> <li>• for immersion bath and spraying application</li> <li>• easily dilutable with water 1:5 – 1:39</li> </ul>
<p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• film thickness less than 10 microns</li> <li>• long shelf life</li> <li>• optimum effectiveness of release cycles</li> <li>• keeps mold clean/no mold fouling</li> <li>• perfect finish/appearance of produced parts</li> <li>• no overspray and related issues</li> <li>• no defects due to release</li> <li>• best possible price/performance ratio</li> <li>• water based</li> </ul>	<p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• easy release</li> <li>• excellent flow properties</li> <li>• no transfer</li> <li>• no built-up</li> <li>• perfect finish/appearance of produced parts</li> <li>• easy to handle</li> <li>• water based</li> <li>• eco friendly</li> </ul>	<p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• easy release</li> <li>• stable product</li> <li>• low consumption</li> <li>• no transfer</li> <li>• perfect finish/appearance of produced parts</li> <li>• no built-up</li> <li>• water based</li> <li>• eco friendly</li> </ul>	<p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• excellent flow and release</li> <li>• stable product</li> <li>• no transfer</li> <li>• perfect finish/appearance</li> <li>• water based</li> <li>• dilutable</li> <li>• no mold fouling</li> </ul>	<p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• water based</li> <li>• provides unmatched gliding props</li> <li>• excellent slip</li> <li>• water based</li> <li>• drying without residues</li> <li>• cost effective</li> </ul>	<p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• excellent release effect</li> <li>• minimizes mold fouling</li> <li>• no agglomeration of fillers</li> <li>• better flow properties</li> <li>• reduces blooming of sulfur</li> </ul>	<p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• easy release after storage</li> <li>• quick drying time</li> <li>• excellent wetting and film forming</li> <li>• low foaming tendency</li> <li>• dust-free</li> <li>• high dilution ratios</li> </ul>
<p><b>Technical Properties:</b></p> <p>Density: 1.0 g/cm<sup>3</sup></p> <p>Color: white</p> <p>pH-Value: 9,5</p>	<p><b>Technical Properties:</b></p> <p>Density: 1.0 g/cm<sup>3</sup></p> <p>Color: white</p> <p>pH-Value: range from 4 – 10</p>	<p><b>Technical Properties:</b></p> <p>Density: 1.0 g/cm<sup>3</sup></p> <p>Color: white</p> <p>pH-Value: ca 10</p>	<p><b>Technical Properties:</b></p> <p>Density: 1.0 g/cm<sup>3</sup></p> <p>Color: clear</p> <p>pH-Value: 5.5 – 8.5</p>	<p><b>Technical Properties:</b></p> <p>Density: 1.0 g/cm<sup>3</sup></p> <p>Color: clear</p> <p>pH-Value: 8</p>	<p><b>Technical Properties:</b></p> <p>Melting Point: 80 – 90°C</p> <p>Color: yellow beads</p> <p>pH-Value: 0.5 % max</p>	<p><b>Technical Properties:</b></p> <p>Density: 1 – 1.05 g/cm<sup>3</sup></p> <p>Solids: 20 – 49 %</p> <p>pH-Value: 7,5 – 10</p>

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