

Aerosol Mold Release Selection Guide



See website for pricing, as well as more economical size aerosol tanks and bulk packaging

(Review our website for the most up-to-date information on any product we sell)

- This list is a general guide based on reported results from our customers. It is not a guarantee of safety or effectiveness. Test the mold release with your mold and material before use.
- These products are intended for application to metal molds as a mold release. Some of these products contain solvents that are aggressive against some plastics. Do not apply directly to plastics without pretesting or without the recommendation of the manufacturer of the plastic. Allow full evaporation of the solvent before injection.

| Description | 1% Silicone Mist | 3% Silicone | Speed Mist PLUS 3% Silicone | Economy Silicone | Economy Silicone-50 | Nonflammable Silicone | S-6, 15% & Super 33% Silicone | Blue Label | Gold Label | Paintable Mist | Speed Mist PLUS Paintable Mist | Economy Paintable | Economy Paintable-50 | Nonflammable Paintable Mist | Neutral Oil A4 | Organic Oil A4 & L-6 Lecithin | Ester Spray | Dry Spray A4 with PTFE | DRY-21 Paintable PTFE Powder | Mold Release with DryFilm | Zinc Stearate A4 |
|---------------|------------------|-------------|-----------------------------|------------------|---------------------|-----------------------|-------------------------------|------------|------------|----------------|--------------------------------|-------------------|----------------------|-----------------------------|----------------|-------------------------------|-------------|------------------------|------------------------------|---------------------------|------------------|
| ABS | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Acetal | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Acrylic PMMA | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Epoxy | | | | | | | | | | | | | | | • | • | • | • | • | • | • |
| Nylon | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Polycarbonate | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Polyester | | • | • | | | • | • | • | • | • | • | • | • | | | • | • | • | • | • | • |
| Polyethylene | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Polypropylene | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Polystyrene | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Polysulfone | • | • | • | • | • | • | • | • | • | • | • | • | • | | | • | • | • | • | • | • |
| Polyurethane | | | | | | | | | | | | | | | • | • | • | • | • | • | • |
| PPO (Noryl) | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| PVC | | | | | | | | • | • | | | | | | | | | | • | • | • |
| Rubber | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Paintable | | | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • |
| FDA Approved | • | • | • | • | • | • | • | | | | | | | | • | • | • | | • | | • |
| UL | •1 | •1 | | • | | | | | | •1 | | • | | | • | | •1 | | | | |

1Aerosol cans and A4-series aerosol tanks approved for this product. Mist tanks are not UL approved.

Rating relative to other mold release products, 1=most favorable, 2=moderately favorable, 3=least favorable

| | | | | | | | | | | | | | | | | | | | | | |
|---------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Evaporation | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Toxicity to Workers | 2 | 2 | 1 | 2 | 3 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Flammability | 2 | 2 | 1 | 2 | 3 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Solvent-Sensitive* | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Cost | 2 | 2 | 3 | 2 | 1 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 1 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 2 |

*Compatibility with Solvent-Sensitive Plastics



Tech Tip

Wonder which mold release to use? Start with a silicone — unless there is a reason not to. The next most effective release is paintable mist.

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Aerosol Mold Cleaner Selection Guide



See website for pricing and economical size aerosol tanks and bulk packaging
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| | Red 2000 #118310 | White 2000 #118308 | Economy #119252 | Formula A-P #118313 | Cirtus #111598 | Citrus-50 #169732 | SafeKlean #126674 | LT-65 #168231 | C-Foam #168232 |
|--|---------------------|-----------------------|--------------------|------------------------|-------------------|----------------------|----------------------|---------------------|----------------------------|
| Evaporation | Fastest | Very Fast | Very Fast | Slow but Complete | Needs to be Wiped | Needs to be Wiped | Needs to be Wiped | Very Fast | Needs to be Wiped |
| Toxicity (relative to other aerosol cleaners) | Favorable | Least Favorable | Least Favorable | Favorable | Most Favorable | Favorable | Most Favorable | Very Favorable | Favorable |
| Flammability | Extremely Flammable | Not Flammable | Not Flammable | Flammable | Highly Flammable | Flammable | Flammable | Extremely Flammable | Not Flammable [†] |
| Cleaning Ability | Good | Better | Better | Good | Best | Better | Best | Better | Better |
| Environmental Friendliness (relative to other aerosol cleaners) | Moderate | Least Favorable | Least Favorable | Moderate | Favorable | Moderate | Most Favorable | Favorable | Favorable |
| Price (relative to other aerosol cleaners) | Best | Moderate | Moderate | Second Best | High | Moderate | High | Moderate | Moderate |
| Scent | Moderate Petroleum | Strong Chlorinated | Strong Chlorinated | Very Mild Petroleum | Strong Orange | Mild Orange | Strong Orange | Moderate Chemical | Mild Orange |

[†] not flammable while spraying, but foam is flammable

Aerosol Rust Preventive Selection Guide



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| | Safeseal #124644 | Night Coat #142877 | Clear Coat #137083 | Step Two #142939 | Heavy Coat #145220 |
|--|--|--|--|----------------------------|----------------------------|
| Duuration | Overnight to 24 months or more | Overnight to 1 week | Overnight to 4 months or more | Up to 1 year | Up to 2 years |
| Indoor/Outdoor | Indoor | Indoor | Indoor | Indoor/Outdoor | Indoor/Outdoor |
| Deposited Product Texture | Buttery / Gel | Very Light Oil | Petroleum Jelly | Light Wax | Heavy Wax |
| Removal | Removed w/startup shots - if applied heavily, might need to wipe first | Removed w/startup shots - if applied heavily, might need to wipe first | Removed w/startup shots - if applied heavily, might need to wipe first | Solvent Required to Remove | Solvent Required to Remove |
| Penetrates - Runs | No | Yes | No | No | No |
| Neutralizes Acid | No | Yes | No | No | No |
| Displaces Moisture | Yes | Yes | Yes | No | No |
| Price (relative to other aerosol rust preventatives) | Higher Than Average | Low | Low | Moderate | Moderate |
| Toxicity to Operator (relative to other aerosol rust preventatives) | Favorable | Average | Better Than Average | Average | Average |

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