

## TSM6362

### TSM6362

#### Description

TSM6362 is an emulsion type silicone mold release agent based on alkyl-aralkyl modified silicone fluid. The product exhibits excellent mold releasability and heat resistance.

#### Key Features and Benefits

- Suitable for complicated mold due to excellent mold releasability and heat resistance
- Good lubricity
- Good paintability

#### Typical Physical Properties

| PROPERTIES              |                                       |
|-------------------------|---------------------------------------|
| Appearance              | Milky white emulsion                  |
| Specific gravity (25°C) | 1.00                                  |
| Effective content %     | 57                                    |
| Surfactant              | Nonionic                              |
| Base polymer            | Alkyl-aralkyl modified silicone fluid |
| Diluent                 | Water                                 |

Typical property data values should not be used as specifications.

#### Potential Applications

- Release agent for die casting of aluminum, zinc, etc.
- Release agent for plastic parts to be painted or metalized

## Processing Recommendations

- **DILUTION**

In general, dilute the product with water so that its effective ingredient becomes 0.5-2%. Tapping water can be used as a diluent. However, continuous use of high hard water may result in accumulation of scales inside the mold. Thus, soften the water with ion-exchange resins, etc, if necessary. In addition, mix the product well before dilution.

- **COATING**

Coat the mold surface with spray, brush, sponge or cleaning cloth, etc. Uniform coating is important, and every nook and corner of the mold must be coated. In that respect, spray coating may be the best method.

## Packaging

- 15kg can available
- 200kg drum available

## Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

## Product Safety, Handling and Storage

- Wear eye protection and protective gloves as required while handling the product.
- Use the product in a well ventilated area.
- Store in a cool and dry place (5-25°C) out of direct sunlight.
- Keep out of the reach of the children.

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at [www.momentive.com](http://www.momentive.com) or, upon request, from any MPM representative. For product

storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

**Limitations**

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

**Contact Information**

For product prices, availability, or order placement, contact our customer service at [Momentive.com/CustomerService/](https://www.momentive.com/CustomerService/)

For literature and technical assistance, visit our website at: [www.momentive.com](https://www.momentive.com)

**DISCLAIMER:**

**THE MATERIALS, PRODUCTS AND SERVICES OF MOMENTIVE PERFORMANCE MATERIALS INC. AND ITS SUBSIDIARIES AND AFFILIATES (COLLECTIVELY “SUPPLIER”), ARE SOLD SUBJECT TO SUPPLIER’S STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT, PRINTED ON THE BACK OF ORDER ACKNOWLEDGMENTS AND INVOICES, AND AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SUPPLIER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING ITS PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS OR ADVICE. EXCEPT AS PROVIDED IN SUPPLIER’S STANDARD CONDITIONS OF SALE, SUPPLIER AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS OR SERVICES DESCRIBED HEREIN.** Each user bears full responsibility for making its own determination as to the suitability of Supplier’s materials, services,

recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating Supplier's products, materials, or services will be safe and suitable for use under end-use conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of Supplier's standard Conditions of Sale or this Disclaimer, unless any such modification is specifically agreed to in a writing signed by Supplier. No statement contained herein concerning a possible or suggested use of any material, product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Supplier covering such use or design, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.

**Momentive and the Momentive logo are trademarks of Momentive Performance Materials Inc.**