

MOLD RELEASE SILICONE BASED DRY MOULD RELEASE SPRAY

Product Description

This Dry MOLD RELEASE is a formulation of silicone fluid, propellants and additives on spraying, the silicone fluid is deposited on the surface to which it is applied & the propellant (solvent if added) vaporizes. The silicone fluid forms a durable invisible protective film which protects lubricates and water proofs all surfaces -40°C to + 230°C.

Application and Directions

MOLD RELEASE is a multipurpose product.

- Waterproofs and insulates all surfaces.
- Excellent lubricant for automatic machines in contact with water.
- Maintains the elasticity of rubber and prevents it from sticking.
- Restore sheen to plastic surfaces.
- It is an ideal mold release agent.
- It is a cleaner for texturizing machines.
- Easy Dry

Application tips

Clean the surfaces for optimal effect. Spray on thinly and evenly. Avoid excesses. Caution: Only mix with suitable lubricants. Plastic based on silicone, such as silicone rubber can be attacked by silicone oil. Silicone may not be used at sliding points under pure oxygen.

Caution: Do not spray on or near naked flame or any other source of ignition, as contents are highly flammable. It is a pressurized container, do not drop, puncture or expose to temperature above 55°C. Do not spray into eyes, mucous membranes & body, in case of accident wash eyes with clean water.

Technical Data

PROPERTIES	VALUES
Base oil	Polydimethylsiloxane
Viscosity @ 29.5°C	330 mm ² /s
Density	0.97
Pour Point, °C	-50
Flash Point, °C	>300
Color	Transparent
Temperature Range	-40°C to + 230°C

Available Packs: 400 ML / 500 ML Aerosol packs.

Shelf Life – 36 Months from the Manufacturing month.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly. The Material Safety Data Sheet (MSDS) are available upon request through our sales office. All related specifications are meets or exceeds.



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product **MOLD RELEASE**
Supplier **PETRELPLUS INC.**
One World Center, Tower One, 9th Floor, Senapati Bapat Marg, Lower Parel, Mumbai-400013, Maharashtra.
Call # +91 22 6216 7072
(Monday to Friday)
Cell # +91 93522 25457
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2. COMPOSITION

No harmful substances. Composition of Polydimethylsiloxane and proprietary additives.

3. HAZARDS IDENTIFICATION

FIRE -Flammable at high temperature.
HEALTH
Eye contact -May cause mild irritation to the eyes upon direct contact.
Skin contact -Prolonged contact may defat the skin or can cause dermatitis.
Inhalation -hazards.
Ingestion -Harmful if swallowed.

4. FIRST-AID MEASURES

Inhalation -Remove person to fresh air. Seek medical help if discomfort persists.
Ingestion -Do not induce vomiting. Seek medical support.
Skin Contact -Immediately flush skin with plenty of water for at least 15 minutes.
Eye Contact -Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally.

5. FIRE-FIGHTING METHODS

Extinguishing media -Use dry chemical powder or carbon di – oxide or foam.
Special protective equipment -Positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURE

Personal protection - Adequate ventilation, gloves, goggles, overalls and boots.
Environmental precautions - Avoid entry into water courses.
Clean up method - Absorb on inert material.

7. STORAGE AND HANDLING

Handling - Impervious gloves & eye protection ensure good ventilation. Keep away from source of ignition.
Storage - Store in a cool & dry place.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory protection - Not required under normal conditions.
Skin/hand protection - Impervious gloves, overalls, and boots.
Eye protection - Use Goggles

9. TYPICAL PROPERTIES

Color - Transparent
Density - 0.97
Temperature range, °C - (-40 to 230)
Flash Point, °C - (>300)

10. STABILITY AND REACTIVITY

Stability - Stable
Conditions to avoid - Excessive temperatures
Materials to avoid - Strong oxidizers
Hazardous decomposition products - Oxides of carbon and nitrogen

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11. TOXICOLOGICAL INFORMATION

Skin contact	- Possible irritation
Eye contact	- Possible irritation
Inhalation	- Not applicable
Ingestion	- Irritation. May cause lung damage.
Long term effect	- Not known

12. ECOLOGICAL INFORMATION

Mobility	- Mobile
Degradation	- Low
Accumulation	-Not expected
Short- & Long-Term effect	- Water pollutant

13. DISPOSAL CONSIDERATIONS

Dispose off according to local and national regulations.

14. TRANSPORT INFOMRATION

CPL	- Not applicable
IMO	-Not applicable

15. REGULATORY INFORMATION

Symbol(s)	-Not applicable
Phrase(s)	- Not applicable
Phrase(s)	- Not applicable

16. OTHER INFORMATION: PRODUCT SAFETY

For safety reasons, it is IMPERATIVE that customer: -Ensure that all those within their control who use the products are supplied with all relevant information contained within the Material Safety Data Sheet and Technical Bulletin concerning the applications for which the product is designed and any instructions or warning.