



JETEXINDIA

# JETEX SWR-45 COMPOUND

## Silicone Grease-Release Agent

Technical Data Sheet

### Silicone grease like compound for use as a release and separating agent

#### Benefits

- Wide service temperature range from -40°C to +204°C
- Very low volatility
- Very good thermal and oxidation stability and minimises build up on mold
- Nontoxic, non melting and odourless
- Chemically inert and does not react with plastics and metals
- Suitable for high temperature moulding operations
- Excellent release properties increases production output while minimising rejection • Resistant to water
- Does not dry out

#### Available Packaging

- 1 kg
- 5 kg
- 20 kg

#### Shelf Life

24 months from date of manufacture in sealed condition.

#### Applications

- Release agent for epoxy, polystyrene, PVC, polyesters and other plastics
- Release agent on polished dies for vinyl sheet embossing to improve surface finish of vinyl processed materials
- Release agent for plastic extruders and processing equipment
- Break in treatment for bladders on tyre presses
- Mould release agent for foundry shell and core molds
- Rubber lubricant and preservative to maintain its resilience to age hardening and stress cracking
- Release agent for adhesives and glues in plywood and board manufacturing industry for acting as an anti stick agent and preventing contact and adhesion of adhesive glues to machine components
- In metal casting applications during shell molding process for breaking in new casts, zinc molding plates smoother operations, lesser rejection, increasing life of the dies, improving surface finish and outlook of components and chill casting of brass

#### Method of Application

Apply by means of hand, brush or putty knife. Can also be dispersed in solvents like mineral spirits, xylene or methyl ethyl ketone for thinning the consistency and making it easier to apply by brushing, dipping or spraying. Do not mix with other oils or grease.

**JETEX INDUSTRIES**

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### Technical Data Sheet

### Technical Properties

Parameter	Value	Unit	Standard
Type	Silicone oil / inorganic thickener		
Appearance	Smooth grease		
Base oil	Silicone		
Thickener	Inorganic filler		
Color <sup>1</sup>	White, translucent		
Penetration, worked, 60	270-300	mm/10	ASTM 217
NLGI Consistency	1-2	Class	DIN 51 818
Density, @ 25°C	1	g/cm <sup>3</sup>	
Drop point	None	°C	ASTM D 566
Service temperatures	-40 to +204	°C	
Evaporation, 24 hours / 200° C	1 max	%	
Bleed, 24 h, 200° C	6.5 max	%	

1. Minor Color variation of the same product but of different batches could be possible. However the lubrication values remain unchanged.