



Product description	SI4000Z Polydimethylsiloxane emulsion is non-ionic emulsion of a blend of polydimethylsiloxane fluid specifically designed for Latex gloves and Plastic lubrication and defoamer application. It has been designed to be used in aqueous based release agent / lubricant either "as received" or pre-diluted with water
Applications	Rubber latex gloves Release agent / Lubricant
Key performance properties	The medium viscosity of SI4000Z Emulsion provides good gloss with minimum smear. It is compatible with most other silicone emulsions if blending is desired.

Typical Property Data

Benefits	-Provides glossy & bright appearance to the finished product -Compatible with most other silicone emulsions, if blending is desired		
Typical properties	Property	Test method	SI4000Z
	Appearance	ASTM E1767-04	Milky white liquid
	Non-volatile contents(%)	ASTM D6196-03	34.5 ~ 37.5
	Viscosity (cP)	ASTM D4016-02	1 ~ 200
	Specific gravity (25 °C)	ASTM D153, D792	0.96 ~ 1.00
	Emulsifier type	-	Non-ionic
	pH	ASTM D1067-02	6.5 ~ 8.5
※ Typical properties should not be used as specifications They are evaluated in laboratory, and can be differ from test condition.			

Composition	-Polydimethylsiloxane emulsion
How to use	SI4000Z Polydimethylsiloxane emulsion is water dilutable, making it easy to formulate with. The user should determine the best concentration and application method on a small scale before production. - Rubber latex gloves : Dosage 0.2~0.3 % total coagulant bath - Release agent for rubber & plastic / Lubricant
Features	-Outstanding bath stability -Good dilution stability -Reduces tackiness -Provides resistance to scorching, yellowing, spotting and chlorine damage

Storage and packaging

Shelf life and storage	Use it within 12 months from the day of manufacture. Store between 5 °C and 30 °C in a cool dry place without direct sunlight. Keep out of the reach of the children.
Packaging	100 kg / 180 kg PE

Remarks

Handling Precautions	Product safety information required for sale use is not included in this document. Before handling, read product and material safety data sheets and container labels for safe use, physical and health hazard information. The material safety data sheet is available from your KCC representative, or distributor, or by writing to KCC customer service, or by calling. (82)-80-022-8200
Warranty information	Please read carefully The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KCC's products are safe, effective, and fully satisfactory for the intended end use. KCC's sole warranty is that the product will meet the KCC sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to replacement of any product shown to be other than as warranted. KCC specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KCC provides you with a specific, duly signed endorsement of fitness for use, KCC disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.
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※ Please refer to MSDS if you want to know more specific usage or caution. for further information, please see our website, www.kccworld.co.kr

