



SILTECH CORPORATION
225 Wicksteed Avenue
Toronto, Ontario, Canada, M4H 1G5
(416)424-4567 (Tel) (416)424-3158 (Fax)

TECHNICAL DATA SHEET

Silube® J208-I Series
PEG-8, PPG-8 Dimethicone Emulsifiers

DESCRIPTION

Silube® J208-2I, Silube J208-4I, Silube J208-6I, Silube J208-8I is a series of novel silicone emulsifiers. The unique structure results in molecules that provide excellent emulsification properties that can be used to make regular and invert emulsions for various personal care formulations. The INCI name for the **Silube J208-I** series is PEG-8, PPG-8 Dimethicone.

TYPICAL PROPERTIES

	Silube J208-2I	Silube J208-4I	Silube J208-6I	Silube J208-8I
Appearance	Clear liquid	Clear liquid	Clear liquid	Clear liquid
Colour, Gardner	1	1	1	1
Active Content, %	100	100	100	100
Viscosity at 25°C, cps	600	500	450	400
Calculated HLB	8.0	6.0	4.0	2.0
Water Solubility, 1%/10%	Sol/Sl.Haze	Disp/Ins	Ins/Ins	Ins/Ins

USES & APPLICATIONS

Silube J208-2I and **Silube J208-4I** have a calculated HLB of 8.0 and 6.0 respectively and can be used as O/W emulsifiers in formulations such as face creams, body lotions and hair conditioners. They provide ease of formulation, enhanced performance, and lubricity. They are also very effective as emulsifiers for oil-in-water/ethanol emulsions.

Silube J208-6I and **Silube J208-8I** have a calculated HLB of 4.0 and 2.0 respectively and are W/O sunscreen emulsifiers that provide additional benefits such as SPF boost, easy application with added slip and lubricity and good compatibility with sunscreen ingredients. **Silube J208-8I** is an excellent emulsifier for W/O liquid foundation formulations. The use level of each is about 3-6%.

SAFETY

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

STORAGE AND SHELF LIFE

When stored between 10 and 40°C, all **Silube J208-I** products have a shelf life of 36 months from the date of manufacture.

PACKAGING

All **Silube J208-I** products are supplied in 20kg pails and 200kg drums.

LEGAL DISCLAIMER

Siltech Corporation believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech Corporation, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

Silube® is a registered trademark of Siltech Corporation, Toronto, Ontario, Canada.