

# VP Disp. CIT 20 DEG

## Developmental dispersion of indium tin oxide\*

### Characteristic physico-chemical data

Properties and test methods		Unit	Value
Solid content	%		19 ± 1
Solvent			Ethylenglycol
Mean aggregate size d-50 value, volume	nm		≤ 100
The data represents typical values (no product specification).			

### Registrations (substance or product components)

#### VP Disp. CIT 20 DEG

CAS No.	1312-43-2 18282-10-5 52350-17-1 107-21-1
TSCA (USA), KECI (Korea), CSNN (Taiwan)	All components of this dispersion are registered in these inventories.

### Packaging and storage

**Size of trading unit:** 0.5 kg glass bottle, other packaging upon request

**Storage:** We recommend to store the product in closed original containers at room temperature, under dry conditions and to protect the material from volatile substances. The product should be used within 12 months.

**Note:** This product group is not marketed by Nippon Aerosil Co., Ltd in Japan! Please refer to one of the other contacts listed below.

### Applications and properties

#### Applications

Heat absorbing coatings for:

- construction / architecture
- automotive
- transparent, colorless laser markable materials

#### Properties

Dispersions based on VP Disp. CIT 20 DEG enable the production of highly transparent, colorless coatings on polymers and glass or composites featuring IR absorbing properties. These properties are additionally complimented by enhanced scratch resistance of the coatings depending on the user binder matrix.

#### Appearance

VP Disp. CIT 20 DEG is a blueish liquid

\* Developmental products are labeled with the VP designation. Commercialization depends on market response.

### Safety and handling

A safety data sheet will be provided with your first delivery and with subsequent revisions. Additionally, the Product Safety Department of Evonik Resource Efficiency GmbH can be contacted via mail at [sds-hu@evonik.com](mailto:sds-hu@evonik.com) for specific questions. We recommend to read the safety data sheet carefully prior to use off the product.

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### Customer Service

**Europe/ Middle-East/  
Africa/ Latin America**  
**Evonik Resource Efficiency GmbH**  
Business Line Silica  
PB 010-A410  
Rodenbacher Chaussee 4  
63457 Hanau-Wolfgang  
Germany  
PHONE +49 6181 59 12532  
FAX +49 6181 59 712532  
aerosil@evonik.com  
www.aerosil.com

**North America**  
**Evonik Corporation**  
Business Line Silica  
299 Jefferson Road  
Parsippany, NJ 07054-0677  
USA  
PHONE +1 800-233-8052  
FAX +1 973-929-8502  
aerosil@evonik.com  
www.aerosil.com

**Asia (excluding Japan)**  
**Evonik (SEA) Pte. Ltd.**  
Business Line Silica  
3 International Business Park  
Nordic European Centre, #07-18  
Singapore 609927  
PHONE +65 6809-6877  
FAX +65 6809-6677  
aerosil@evonik.com  
www.aerosil.com

**Japan**  
**NIPPON AEROSIL CO., LTD.**  
Marketing & Sales Division  
P.O. Box 7015  
Shinjuku Monolith 13F  
3-1, Nishi-Shinjuku 2-chrome  
Shinjuku-ku, Tokyo  
163-0913 Japan  
PHONE +81 3 3342-1789  
FAX +81 3 3342-1761  
infonac@evonik.com  
www.aerosil.jp

### Technical Service

**Europe/ Middle-East/  
Africa/ Latin America**  
**Evonik Resource Efficiency GmbH**  
Business Line Silica  
HPC 911-221 A  
Rodenbacher Chaussee 4  
63457 Hanau-Wolfgang  
Germany  
PHONE +49 6181 59-3936  
FAX +49 6181 59 4489  
technical.service.aerosil@  
evonik.com  
www.aerosil.com

**North America**  
**Evonik Corporation**  
Business Line Silica  
2 Turner Place  
Piscataway, NJ 08855-0365  
USA  
PHONE +1 888 SILICAS  
PHONE +1 732 981-5000  
FAX +1 732 981-5275  
technical.service.aerosil@  
evonik.com  
www.aerosil.com

**Asia (excluding Japan)**  
**Evonik Specialty**  
**Chemicals (Shanghai) Co.,Ltd**  
Business Line Silica  
55 Chundong Road  
Xinzhuang Industry Park  
Shanghai 201108  
P.R. China  
PHONE +86 21 6119-1151  
FAX +86 21 6119-1075  
technical.service.aerosil@  
evonik.com  
www.aerosil.com

**Japan**  
**NIPPON AEROSIL CO., LTD.**  
Applied Technology Group  
3 Mita-Cho  
Yokkaichi, Mie  
510-0841 Japan  
PHONE +81 59 345-5270  
FAX +81 59 346-4657  
infonac@evonik.com  
www.aerosil.jp