

HumiSeal® Vivid Cure™ UV 7061T

Technical Data Sheet

OPTICALLY CLEAR SIDE SEAL (OCSS)

The Vivid Cure™ UV 7061T is a thixotropic, fast curing urethane acrylate that bonds well to most glass and plastics.

APPLICATIONS	FEATURES	SUBSTRATES
<ul style="list-style-type: none"> • Touch Screen Display • Structural Support • Damming Material • Supports Bond Line Thickness 	<ul style="list-style-type: none"> • Thixotropic • Non Yellowing, Clear • Moisture Resistant • UVV Curable 	<ul style="list-style-type: none"> • Plastics • Glass • Metals

Typical Properties of Uncured HumiSeal® Vivid Cure™ UV 7061T

Chemical Class	UV Acrylate
Appearance	Clear
Viscosity @ 25°C, Spindle 6 @ 10 RPM, cps	30,000 to 80,000
Specific Gravity	0.91
Cleanup Solvent	Isopropyl alcohol

UV Curing Guidelines*

HumiSeal Vivid Cure™ UV 7061T adhesive has been formulated to allow flexibility in the curing process. HumiSeal Vivid Cure™ UV 7061T can be cured using 395nm LED systems. The table below details minimum dosage values required to properly crosslink HumiSeal Vivid Cure™ UV 7061T.

“Note, adhesive thickness range of 700 – 750 microns was used during the development of the minimum required dosage values recommended below. If a different adhesive thickness is used, process adjustments may be required.”

Vivid Cure™ UV 7061T Recommended Minimum Dose (J/cm ²) Requirements	
Wavelength (nm)	UVV
395nm	5.0

Values measured with an EIT Powerpuck II

** These values are for guidelines only and not meant to be used as a specification*

It is recommended that you contact HumiSeal technical support to discuss your application and review the required recommended minimum cure requirements.

Typical Properties of Cured Material**

Glass Transition Temperature (Tg), °C	-45 to -50
Operating Temperature Range, °C	-50 to 125
Shore Hardness, 00	32

****All properties given are typical values and are not intended for use in preparing specifications.**

Storage & Handling

HumiSeal Vivid Cure™ UV 7061T should be stored between 8°C - 28°C in tightly closed, light-blocking containers, away from direct sunlight. Keep from freezing. Allow material to equilibrate to process area temperature for 24 hours before use. Please refer to product labeling for shelf-life information. While the material can be heated to facilitate degassing prior to use, this operation should be conducted only on the amount of adhesive to be immediately used. Multiple heating cycles of the bulk container or elevated temperature storage of HumiSeal Vivid Cure™ UV 7061T should be avoided. Consult SDS for full safety information.

Contact HumiSeal®

HumiSeal North America

201 Zeta Drive
Pittsburgh, PA 15238
USA
Tel: +1 412-828-1500
Toll Free (US only): 866-828-5470
sales@humiseal.com

HumiSeal Technical Center

295 University Avenue
Westwood, MA 02090
USA
Tel: +1 781-332-0734
Fax: +1 781-332-0703
techsupport@humiseal.com

HumiSeal Europe

505 Eskdale Road, IQ Winnersh
Berkshire RG41 5TU
UK
Tel: +44 (0)1189 442 333
Fax: +44 (0)1189 335 799
europesales@chasecorp.com

HumiSeal India

J-154, M.I.D.C Bhosari
Pune 411 026
Maharashtra
India
Tel: +91 20 66308098
indiatechsupport@chasecorp.com

HumiSeal S.A.R.L

4/6 Avenue Eiffel
78420 Carrieres-Sur-Seine
France
Tel: +33 (0) 1 30 09 86 86
Fax: +33 (0) 1 30 09 86 87
humiseal.sarl@chasecorp.com

HumiSeal Asian Support

Tel: 852-9451-6434
Fax: 852-2413-6289
asiatechsupport@humiseal.com

HumiSeal Europe Support

Tel: +44 (0)1189 442 333
Fax: +44 (0)1189 335 799
europetechsupport@chasecorp.com

The information contained here is provided for product selection purposes only and is not to be considered specification or performance data. Under no circumstance will the seller be liable for any loss, damage, expense or incidental or consequential damage of any kind arising in connection with the use or inability to use its product. Specific conditions of sale and Chase's limited warranty are set out in detail in Chase Corporation Terms and Conditions of Sale. Those Terms and Conditions are the only source that contain Chase's limited warranty and other terms and conditions.