

▶ Formulate for  
**SUCCESS.**

Formulate with  
**versaTRANS**<sup>®</sup>  
*SolventSOLUTIONS*

**PPG** A PPG Industries Brand

NEAT OR BLENDED, VERSATRANS<sup>®</sup>  
SOLVENT OFFERS:

- ▶ High KB value
- ▶ Fast evaporation rate
- ▶ EPA SNAP approval (aerosol, electronic, metal, and precision cleaning applications)



Enhance your solvent formulations. Choose VersaTRANS  
Solvent Solutions. The right partner for a long term solution.

TO FIND OUT MORE, CALL 1-800 CHEM PPG OR VISIT US AT [WWW.PPG-VERSATRANS.COM](http://WWW.PPG-VERSATRANS.COM).

PPG Industries, Inc. • 440 College Park Drive • Monroeville, PA 15146 • [www.ppg-versatrans.com](http://www.ppg-versatrans.com)

## ▶ Comparative Properties

PRODUCT	VersaTRANS® SOLVENT	141b	nPB	TRICHLOR	Novec® HFE 7100	Vertrel® HFC 4310
BOILING POINT °C	47.8	32	71	87	60	54
SPECIFIC GRAVITY @25°C	1.27	1.23	1.35	1.46	1.52	1.58
SURFACE TENSION @25°C dyne/cm <sup>3</sup>	27.5	18.4	25.3	28.7	13.6	14.1
KAURI-BUTANOL VALUE	117	56	125	129	10	9
FLASH POINT °C	2.2	NONE	NONE	NONE	NONE	NONE
SNAP APPROVAL <sup>1</sup>	YES	YES	NO	YES	YES	YES
EXPOSURE Limit TWA <sup>3</sup> ppm	200 <sup>2</sup>	500 <sup>2</sup>	10 <sup>2,4</sup>	50 <sup>2</sup>	600 <sup>2</sup>	200 <sup>2</sup>
ODP <sup>5</sup>	N/R <sup>6</sup>	0.11	0.02 – 0.03	N/R <sup>6</sup>	N/R <sup>6</sup>	N/R <sup>6</sup>

<sup>1</sup> SNAP approved for metal cleaning, electronic and precision cleaning and aerosol application

<sup>2</sup> Exposure limits are ACGIH TLV's and/or NIOSH RELS

<sup>3</sup> TWA = time-weighted average

<sup>4</sup> EPA has proposed in its most recent SNAP proposal 25 ppm as an eight hour exposure level.

<sup>5</sup> ODP = Ozone Depletion Potential

<sup>6</sup> Not regulated as an ODP by the EPA or the Montreal Protocol

NOVEC® is a registered trademark of 3M

Vertrel® is a registered trademark of DuPont

## Handling & Storage

VersaTRANS® is a flammable liquid and all appropriate precautions need to be taken when handling or using this material. See our website for an MSDS sheet and Product Bulletin.

## Packaging & Shipping

VersaTRANS solvent is shipped as a flammable liquid according to DOT requirements. Package sizes available include 55 gallon drums and 5 and 2.5 gallon pails. Bulk shipments in truck or rail can also be made. All product is shipped from the Lake Charles, LA plant.

## Contact Us:

Samples of VersaTRANS solvent are available upon request. For more information, call our 24-hour message center at 1-800-CHEM PPG (1-800-243-6774) and press 2 to let us know your needs. A PPG representative will follow up with your requested information. **Or, visit us at our website: [www.ppg-versatrans.com](http://www.ppg-versatrans.com).**

PPG's technical and product stewardship staff is available to provide information on technical issues, applications, handling and storage, and health and safety concerns.

The statements and methods presented about the products mentioned herein are based upon the best available data and practices known to PPG Industries at the present time, but are not representations or warranties of performance, results or any comprehensiveness of such data, nor do they imply any recommendations to infringe any patent or any offer of license under any patent. If not properly used, the products mentioned herein can be hazardous. All purchasers of these products should communicate all the health and safety information contained herein to their customers or employees, as the case may be. PPG Industries recommends that before anyone uses or handles the product mentioned herein, he or she read and understand the precautionary and other information on the product label, as well as in the Material Safety Data Sheet and Product Bulletin. Although the products mentioned herein are intended for industrial and manufacturing uses, they are potentially hazardous materials and must be kept out of reach of children.