

ULTRATHANE

Chemical Resistance Guide

The following Chemical Resistance Guide will aid in determining the effect of various chemicals to Valspar's **ULTRATHANE**. Results are based on a splash, 24 hour spot test and one week according to ASTM D-1308 procedure. Each system was mixed and applied to a panel primed with a primer in accordance to Valspar's standard specifications. The coating were allowed to cure for a minimum of 7 days @ 77 °F prior to testing. A rating system for this guide is as follows:

RATINGS KEY	
E = Excellent	NR = Not Recommended
G = Good	OS = Occasional Spillage
F = Fair	

ORGANIC ACIDS

REAGENT	CONC.	24 Hours
Acetic	5%	E
Acetic	10%	E
Acetic	20%	F
Acetic	Glacial	NR
Butyric	10%	NR
Formic	10%	E
Lactic Acid	10%	E
Lactic Acid	25%	E
Monochloro Acetic	5%	E
Monochloro Acetic	10%	G

INORGANIC ACIDS

REAGENT	CONC.	24 Hours
Chromic Acid	2%	E
Chromic Acid	10%	E
Chromic Acid	15%	E
Hydrochloric Acid	10%	E
Hydrochloric Acid	37%	E
Nitric Acid	30%	G
Nitric Acid	Over 40%	G
Nitric Acid	Conc.	NR
Perchloric Acid	35%	G
Phosphoric Acid	10%	E
Phosphoric Acid	35%	E
Phosphoric Acid	75%	E
Sulfuric Acid	25%	E
Sulfuric Acid	50%	G
Sulfuric Acid	Conc.	NR

ALKALIES AND SALTS

REAGENT	CONC.	24 HOURS
Ammonium Hydroxide	10%	E
Ammonium Hydroxide	50%	E
Sodium Hydroxide	10%	E
Sodium Hypochlorite	10%	E

SOLVENTS

REAGENT	24 HOURS
Acetone	F
Benzene	F
Butyl Acetate	NR
Chloroform	NR
Ethyl Alcohol	F
Glycol Ether	G
Methyl Ethyl Ketone	F
Methyl Isobutyl Ketone	F
Mineral Spirits	E
Naphtha	E
Aromatic 100	E
PM Acetate	G
Trichloroethylene	NR
Xylene	G
Hexane	E
SC-100	E

MISC. CHEMICALS

REAGENT	24 HOURS
Aniline	NR
Formaldehyde	F
Hydrogen Peroxide 10%	G
Phenol 5%	NR
Skydrol 500A	G
Sugar Sat.	E
Brake Fluid	G
Grease	E
1,1,1, Trichloroethane	G
Jet Fuel A-1	G
10% Citric	G
Isopropyl Alcohol	F

WARRANTY STATEMENT | IMPORTANT: The data on this sheet represent typical values obtained by the methods indicated. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. Unless Valspar agrees otherwise in writing, **VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Unless Valspar agrees otherwise in writing, Valspar's only obligation for any defect in this product under any warranty that Valspar provides or under any other legal theory will be to replace the defective product, or to refund its purchase price, at Valspar's option. Revision E: 12 FEB 2002

© Copyright 2007 Valspar Corporation. All rights reserved.
CRG-Ultrathane | Rev 03/15/07 ly