

# Thinners/Reducers Product Information – Solvent Selection

Krylon Industrial offers thinners and reducers to assure the correct tailor-made properties are obtained for each coating or application requirement. The following chart provides a list of solvents and blended solvents and some specific properties. For the proper selection of a thinner or reducer, see the respective Product Data Page, which then can be tied in with the chart below.

PRODUCT NAME	EVAPORATION RATE-MINUTES 1*	SOLVENT STRENGTH 2*	FLASH POINT 3*	FLOW 4*	SET UP TIME 5*	HAPS 6*	NON-PHOTO CHEMICALLY REACTIVE	CHARACTERISTIC SUMMARY
<b>ALIPHATIC/AROMATIC</b>								
K01661600, MINERAL SPIRITS	50	1	105	5	5	ok	yes	Weak, slow evaporating, used predominately in alkyds.
K01661530, XYLENE	11	6	30	4	3	no	no	Medium-fast evaporating for use in epoxies and alkyds.
K01661524, TOLUENE	4	6	40	2	1	no	no	Fast evaporating.
K01661714, VM&P NAPHTHA	4	2	50	2	2	ok	yes	Weak, fast evaporating, very good for solvent cleaning when using alkyd topcoats.
<b>BLENDED SOLVENTS</b>								
K01661000, EPOXY REDUCER	15	6	55	5	5	no	no	Medium-fast evaporating for epoxy spray application.
K01661100, URETHANE REDUCER-BRUSH & ROLL	20	6	80	8	7	no	no	Slow evaporating for epoxies and urethanes, use with brush and roll application.
K01667397, SC15 THINNER BLEND	12	8	*100	5	7	no	no	Medium-fast evaporating for use with moisture cure urethanes.
K01662000, MULTI PURPOSE EPOXY REDUCER	30	6	105	8	7	no	no	Special blend to allow good film formation and evaporation at temperatures below 50°F
<b>KETONES</b>								
K01661300, MEK	2	10	18	2	2	no	yes	Very fast evaporating for spray application with zinc-rich coatings. Used in small amounts.
K01663000, ACETONE	1	10	1	1	1	ok	no	Very fast evaporating.

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 1. Measure of time in minutes required for 90% to evaporate. ASTM-D3539.  
 2. Ratings express the approximate ability to dissolve resin and reduce viscosity. Rated 1 to 10 (10 best).  
 3. Temperature (°F) at which sufficient vapors are given off to ignite by open flame (Closed Cup Method).  
 4. Rated from 1 to 10 (10 best). Good flow permits paint film to level out into a smooth film of uniform thickness without orange peel, brush marks, etc.  
 5. Rates from 1 to 10 (10 slow) relative rating of time necessary to obtain surface or dry-free drying of film.  
 6. Status relative to proposed Federal EPA HAPS Rule. "No" means listed and regulated as hazardous air pollutant.

