



	Solvent	Main Ingredient	Information	 Flash Point	Odor	Thinning Oil Paint	Cleaning	Dissolving Resins	Flammability	Precautions	Personal Protection Equipment (PPE)	Disposal
Biosolvents	Turpentine	Gum or wood turpentine	Distilled resin from pine trees; volatile, used as paint thinner.	35 °C (95 °F)	 Turpentine	✓	✓	Alkyd, Dammar, Mastic	Flammable	  	  	
	Limonene	d-limonene	Citrus rind extract; fragrant, biodegradable solvent.	46 °C (115 °F)	 Citrus	✓	✓	Dammar, Mastic	Flammable	  	  	
	Lavender Spike Oil	Lavender or spike essential oil	Essential oil from lavender; natural solvent, less toxic.	23 °C (74 °F)	 Fragrant, sweet, lavender	✓	✓	Dammar, Mastic (when combined with turpentine)	Combustible		  	
Aromatic Solvents	Toluene	Toluene	Petroleum derivative; potent, fast-evaporating solvent.	7 °C (45 °F)	 Aromatic, hydrocarbon-like	✓	✓	Alkyd, Dammar, Laropal A81, Mastic, Paraloid B72, Regalrez 1094, Regalrez 1126	Flammable	  	  	
	Xylene	Xylene	Derived from coal tar or petroleum; effective solvent for resins and enamels.	27 °C (81 °F)	 Aromatic, hydrocarbon-like	✓	✓	Alkyd, Dammar, Laropal A81, Mastic, Paraloid B72, Regalrez 1094, Regalrez 1126	Flammable	  	  	
Aliphatic Solvents	Rublesol	Odorless mineral spirits	Refined petroleum distillate; low-odor solvent for artists.	51 °C (124 °F)	 No odor to hydrocarbon-like	✓	✓	Alkyd, Regalrez 1094, Regalrez 1126	Flammable	  	  	
	Rublesol Lite	Odorless mineral spirits	Refined petroleum distillate; low-odor solvent for artists; higher flash point than OMS	61 °C (142 °F)	 No odor to hydrocarbon-like	✓	✓	Regalrez 1094, Regalrez 1126	Combustible	 	  	
	Mineral Spirits 66	Rule 66 mineral spirits	Refined petroleum distillate; used in paints, varnishes.	39 °C (102 °F)	 Hydrocarbon-like	✓	✓	Alkyd, Regalrez 1094, Regalrez 1126	Flammable	  	  	
	Mineral Spirits (Stoddard Solvent)	Stoddard solvent	Petroleum distillate; less flammable paint thinner.	38 °C (100 °F)	 Hydrocarbon-like	✓	✓	Alkyd	Flammable	  	  	
	Laropal Solvent	Proprietary blend; see information	Solvent blend of mineral spirits and aromatic; used in fine art conservation.	39 °C (102 °F)	 Aromatic, hydrocarbon-like	✓	✓	Alkyd, Dammar, Laropal A81, Mastic, Regalrez 1094, Regalrez 1126	Flammable	  	  	
Ketone	Acetone	Acetone	Simple ketone; fast-evaporating, powerful solvent.	-18 °C (-1 °F)	 Aromatic, sweet		✓	Laropal A81, Mastic, Paraloid B72, Shellac	Flammable	 	  	
Alcohols	Isopropyl Alcohol	Isopropanol	Synthetic alcohol; used as a cleaner and degreaser.	12 °C (53 °F)	 Alcohol		✓	Laropal A81, Mastic, Shellac	Flammable	 	 	
	Ethyl Alcohol	Ethanol	Grain fermentation product; solvent and disinfectant.	12 °C (53 °F)	 Alcohol		✓	Laropal A81, Mastic, Shellac	Flammable	 	 	
	Methyl Alcohol	Methanol	Wood-derived; highly toxic solvent.	12 °C (53 °F)	 Alcohol		✓	Laropal A81, Mastic, Shellac	Flammable	  	  	

The flash point is the temperature at which the solvent emits enough vapor to ignite in air. Lower flash points

indicate higher flammability. The Globally Harmonized System of Classification and Labeling of Chemicals de-

finer the flash point temperature of flammable liquids as between 0 and 140 °F (60 °C) and combustible liq-

uids between 140 °F (60 °C) and 200 °F (93 °C). Mate-

rials with flash points below 100 °F (38 °C) are regu-

lated in the United States as potential workplace haz-

ards. The chart is provided for information purposes

only. Always obtain the safety data sheet and use it as your guide when using solvents.