

Kardol Quality Products
285 S. West Street
Lebanon, Ohio 45036
513-933-8206 Fax: 513-932-6900

MATERIAL SAFETY DATA SHEET
502118, 502120, 502122, & 502126
Trade Name: Resin Thinner - Styrene Monomer

Section 1: Material Identification

Chemical Name	CAS #	Weight Percent	Occupational Exposure Limits			Vapor PI@ Temp MM Hg
			OSHA PEL	ACGIH TLV	Other	
Styrene Monomer	000100-42-5	100 %	100 PPM	85 MG/CU.M	4.500 MMHG @ 68F	

Section 2: Physical & Chemical Properties

Boiling Point:	293 ° F
Vapor Density:	N/A
Evaporation:	N/A
Vapor Pressure:	See Section 1
Specific Gravity:	N/A
Appearance & Odor:	Clear Liquid, Characteristic
Solubility in Water:	Insoluble

Section 3: Fire & Explosion Hazard Data

Flash Point:	Lowest Closed Cup Flashpoint: 88 ° F. 73-100° F
PH:	
Flammability Limits:	LEL: 1.1, UEL: N/A
Extinguisher Media:	Foam, Carbon Dioxide, Dry Chemical, H2O
Special Fire Fighting:	Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.
Unusual Fire Hazard:	If polymerization takes place in a container, there is possibility of violent rupture of the container. Vapors are uninhibited and may form polymers in vents or flame arrestors of storage tanks resulting in stoppage of vents. Vapors may cause flash fire. Keep containers tightly closed and isolate from heat, electrical equipment, sparks and flame. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

Section 4: Reactivity Hazard Data

Stability:	Stable. Polymerization may occur
Conditions to Avoid:	Elevated Temperatures
Avoid:	Oxidizers, peroxides, strong acids & bases, aluminum chloride, and vinyl polymers
Hazardous Decomposition:	Thermal decomposition or combustion can produce fumes containing organic acids, carbon dioxide, and carbon monoxide

Work/Hygienic Practices:

Section 7: Precautions for Safe Handling & Use

IN CASE OF SPILL: Remove all sources of ignition (flames, hot surfaces, and electrical static or frictional sparks). Avoid breathing vapors. Ventilate area. Contain and remove with inert absorbent and non-sparking tools.

WASTE DISPOSAL: Dispose of in accordance with local, state, and Federal regulations. Do not incinerate closed containers. Incinerate in approved facility.

Other Precautions: Containers should be grounded when pouring. Do not take internally. Wash hands after using and before smoking or eating. Emptied containers may retain hazardous residue and explosive vapors. Keep away from heat, sparks, and flames. Do not cut, puncture or weld on or near emptied containers. Follow all hazard precautions given in this data sheet until container is thoroughly cleaned or destroyed. If this product is blended with other components such as thinners, converter, colorants, and catalysts prior to use, read all warning labels. Any mixture of components will have hazards of all components. Follow all precautions. If spraying this material, keep all spray booths clean. Avoid build-up of spray dust or overspray in booths or ducts.

DOT	HAZARD INDEX
Shipping Name: Styrene Monomer, Stabilized, 3, UN2055, PG III	Health: 2
Liquid Cleaning Compound	Flammability: 3
N.O.I	Reactivity: 2

24 HOUR EMERGENCY NUMBER
1-800-424-9300

KEEP OUT OF REACH OF CHILDREN!!!!