

MATERIAL SAFETY DATA SHEET

Date Revised: December 2, 2004
Transportation Emergency: 800-535-5053 / 352-323-3500

SECTION I – PRODUCT IDENTIFICATION

PRODUCT	HAZARDOUS COMPONENTS (Sec. II)
Mineral Spirit Acrylic (MSA) Mediums	
07730 Varnish w/ UVLS (Gloss)	1, 2, 3, 5, 6
07735 Varnish w/ UVLS (Satin)	1, 2, 3, 4, 5, 6
07740 Varnish w/ UVLS (Matte)	1, 2, 3, 4, 5, 6
93300 Gel	1, 2, 3, 5
07742 Hard Varnish w/ UVLS (Gloss)	1, 2, 3, 5, 6
07744 Hard Varnish w/ UVLS (Matte)	1, 2, 3, 4, 5, 6
07743 Hard Varnish w/ UVLS (Satin)	1, 2, 3, 4, 5, 6
Custom Colors	1, 2, 3, 5, 7
Custom Varnish (Gloss)	1, 2, 3, 4
Custom Varnish (Matte or Satin)	1, 2, 3, 4, 5
Custom Medium	1, 2, 3, 5
 Mineral Spirit Solvent	 1, 2, 3

NOTE: All the above listed products have the following HMIS ratings:

Health – 2 Flammability – 2 Reactivity – 0 Protective Equip. – X

SECTION II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CODE	HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PERMISSIBLE EXPOSURE LIMITS		
			TWA	STEL	CEILING
1	Aliphatic petroleum hydrocarbon	8032-32-4	300 ppm	-	-
2	Stoddard Solvent	8052-41-3	100 ppm	-	-
3	Aromatic 150	64742-94-5	NE	-	-
4	Amorphous Silica	68855-54-9	5 mg/M ³	-	-
5	Residual Monomer (<1%)	Not Required			
6	2-(-2'-Hydroxy-3', 5'-Di-Tert-Amylphenyl) Benzotriazole ("UVLS" products only)	25973-55-1	NE	-	-
7	Pigment- See MSDS GIA				

TWA – Time Weighted Average (avg. airborne exposure in 8 hr work shift of a 40 hr work week)

STEL – Short Term Exposure Limit (15 minute time weighted average exposure)

CEILING – exposure not to be exceeded during any part of the work day

ppm – parts of vapor or gas per million parts of contaminated air by volume

mg/M³ = approximate milligrams of substance per cubic meter of air

NE = None Established

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SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 154°C/309°F initial
VAPOR DENSITY: Heavier than air
V.O.C.: Available upon request
SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: Clear, hazy or colored medium; Mineral Spirit Odor

SPECIFIC GRAVITY (H₂O=1): 0.90-0.95
EVAPORATION RATE: Slower than ether

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 41°C/106°F
FLAMMABLE LIMITS IN AIR BY VOLUME – LOWER: 0.9% est. **UPPER:** 6.0% est.
EXTINGUISHING MEDIA: “Alcohol” Foam, CO₂, Dry Chemical, Water Spray
SPECIAL FIREFIGHTING PROCEDURES: Wear a self-contained breathing apparatus and full protective gear. Use water spray to cool containers.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Dried film can burn, yielding toxic combustion products

METHOD USED: SFCC

SECTION V – REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Excessive heat.
INCOMPATIBILITY: Strong oxidizers.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition may yield oxides of carbon and nitrogen and monomer fumes.
HAZARDOUS POLYMERIZATION: Will not occur.