

Date Revised: 05-31-2001

SECTION I - PRODUCT IDENTIFICATION

Manufacturer	: American Colors Inc.	Information Phone	: (419) 621-4000
	1110, Edgewater Avenue,	Emergency Phone	: (800) 424-9300
	P.O. Box 397	CHEMTREK Phone	: (800) 424-9300
	SANDUSKY 44871-0397		
	OH	Hazard Ratings:	Health: 2
		none → extreme	Fire : 3
		0 → 4	React : 2
Product Class	: Reactive White Polyester Disp.		
Trade Name	: Liquid Plastic Colorant	UN Number	: UN 1866
Product Code	: PC-1060000000		
CAS No	: Mixture		
DOT Hazard Class	: 3		
Proper Shipping Name:	RESIN SOLUTION, flammable		

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS No	Weight %	Exposure Limits		Vapor Pressure mm HG
			ACGIH TLV	OSHA PEL	
*** Styrene/ Styrene Monomer	000100-42-5	6 - 12	50.00	Parts per million (PPM)	100.00 Parts per million (PPM) 4.5
		STEL :	100.00	Parts per million (PPM)	100.00 Parts per million (PPM) @ 68.00 F
*** Benzene	Not Available	6 - 12		Not established	Not established NAV/NAP
		STEL :		Not established	Not established
*** Styrene/ Styrene Monomer	000100-42-5	2 - 8	50.00	Parts per million (PPM)	100.00 Parts per million (PPM) 4.5
		STEL :	100.00	Parts per million (PPM)	100.00 Parts per million (PPM) @ 68.00 F
*** Titanium Dioxide	013463-67-7	51 - 79	10.00	mg/M3	10.00 mg/M3 NAV/NAP
		STEL :		Not established	Not established

*** Indicates that, these Ingredients are listed in the T.S.C.A Inventory

SECTION III - PHYSICAL DATA

Boiling Range	: 293.00 - 293.00 F	Vapor Density	: Heavier than Air
Evaporation Rate:	Faster than n-Butyl Acetate	Liquid Density:	Heavier than Water
Volatile Vol %	: 66.1	Weight/Gallon	: 17.3
Volatile Wgt %	: 15.3	Spec. Gravity	: 2.1
Appearance	: White Liquid		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: 1C Flash Point: 87.80 F LEL: 0.00% UEL: 0.00%

-EXTINGUISHING MEDIA:

Foam, Carbon Dioxide, Dry Chemical, Water Fog

-SPECIAL FIRE FIGHTING PROCEDURES:

Full protective equipment including self-contained breathing apparatus should be used. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat. Water spray may be ineffective. If water is used, fog nozzles are preferable.

-UNUSUAL FIRE & EXPLOSION HAZARDS:

Keep containers tightly closed and isolate from heat, electrical equipment, sparks and flame. Never use welding or cutting on or near drum (even if empty) because product can ignite explosively. If polymerization takes place in a container, there is a possibility of violent rupture of the container. Styrene vapors are uninhibited and may form polymers in vents or flame arrestors of storage tanks resulting in stoppage of vents. Vapors may cause a flash fire.

SECTION V - HEALTH HAZARD DATA

-PERMISSIBLE EXPOSURE LEVEL:

See Section II.

-EFFECTS OF OVEREXPOSURE:

Inhalation: Irritation to nose and throat. Repeated or prolonged exposure to concentrations above the recommended exposure limits may cause brain or nervous system depression with symptoms such as dizziness, headache, or nausea and if continued indefinitely, loss of consciousness, liver and kidney damage. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Skin Contact: Irritation. Repeated overexposure may lead to defatting of the skin which may lead to dermatitis.

Eye Contact: Irritation. Symptoms are tearing, redness, and discomfort.

Ingestion: May cause mouth, throat, esophagus, and stomach irritation, nausea, vomiting, and diarrhea. Aspiration into the lungs can cause pneumonitis which can be fatal.

Medical Conditions Aggravated by Exposure: Preexisting eye, skin, liver, kidney, and respiratory disorders.

-FIRST AID:

Eye Contact: Flush immediately with plenty of water for at least 15 minutes and get medical attention.

Skin Contact: Wash thoroughly with soap and water.

Inhalation: Remove to fresh air.

Ingestion: DO NOT INDUCE VOMITING. Get medical attention immediately.

SECTION VI - REACTIVITY DATA

STABILITY : ☐ Unstable ☒ Stable

HAZARDOUS POLYMERIZATION: ☒ May Occur ☐ Will not occur

-INCOMPATIBILITY:

Oxidizers, peroxides, strong acids, aluminum chloride, and vinyl polymers.

-CONDITIONS TO AVOID:

Elevated temperatures and sources of ignition.

Unstable (reactive) upon the depletion of the inhibitor.

-HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition or combustion can produce fumes containing carbon dioxide, carbon monoxide, and organic acids.

SECTION VII - SPILL OR LEAK PROCEDURES

-STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

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. Prevent flow to sewers and waterways. Wear protective clothing.

-WASTE DISPOSAL METHOD:

Dispose of in accordance with all Federal, State, and Local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

-RESPIRATORY PROTECTION:

Wear appropriate, properly fitted, NIOSH approved, respirator during application and other use of this product if exposure limits are exceeded. Observe OSHA standard 29CFR 1910.134.

-VENTILATION

Provide general clean air dilution or local exhaust ventilation to maintain contaminate levels below the applicable exposure limits. Refer to OSHA Standards 29CFR 1910.94, 1910.107, and 1910.108.

Note: Heavy solvent vapors should be removed from the lower levels of the work area and all ignition sources (nonexplosion-proof motors, etc...) should be eliminated.

-PROTECTIVE GLOVES:

Use solvent impermeable gloves to avoid contact.

-EYE PROTECTION:

Use safty eyewear with splash guards or side shields, chemical goggles, or face shield.

-OTHER PROTECTIVE EQUIPMENT:

Eye bath and safety shower.

SECTION IX - SPECIAL PRECAUTIONS

-PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Do not expose to heat, sparks, or flame. Store large quantities in buildings designed to comply with OSHA Standard 1910.106. Keep containers closed and upright when not in use. Do not store above 100 F.

-OTHER PRECAUTIONS:

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

DISCLAIMER: While the information and recommendations set forth herein are believed to be accurate as of this date, American Colors, Inc. makes no warranty with respect to and disclaims all liability from reliance thereon.

SECTION X - ADDITIONAL REGULATORY INFORMATION

-SARA TITLE III SECTION 313:

This product conatins the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right To Know Act of 1986 and of 40 CFR 372.

CAS No	Chemical Name	% by Weight
000100-42-5	Styrene/ Styrene Monomer	< 12
001336-08-9	Copper Naphthenate, 11% Copper	< 1

000067-63-0 Isopropyl Alcohol

< 3

-PROP 65 (CARCINOGEN)

WARNING: This product contains a chemical known to the state of California to cause cancer.

CAS No	Chemical Name
000100-42-5	Styrene/ Styrene Monomer
000100-42-5	Styrene/ Styrene Monomer

-PROP 65 (TETRATOGENIC)

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

CAS No	Chemical Name
	None

-PROP 65 (BOTH CARCINOGENIC AND TETRATOGENIC)

WARNING: This product may contain a chemical known to the state of California to cause cancer or birth defects or other reproductive harm.

CAS No	Chemical Name
Not Available	Benzene
Not Available	Benzene

-RTK Information

This product contains ingredients identified in the Right to know lists of the following states.

CAS No	Ingredient	State
000100-42-5	Styrene/ Styrene Monomer	New Jersey
Not Available	Benzene	Pennsylvania
000100-42-5	Styrene/ Styrene Monomer	New Jersey
Not Available	Benzene	Pennsylvania
008052-41-3	Mineral Spirits (Stoddard Solvent)	New Jersey
		Pennsylvania

