



# SAFETY DATA SHEET

Vibrance™ Dye

Revision Date 6/10/2021

## SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name** **Vibrance™ Dye** **Item**  
(All Colors)

**Product Use** Dye

**Company Name** Direct Colors LLC **Office** (877) 255-2656 ext.1  
430 E 10th St  
Shawnee OK 74801 **Web** [www.DirectColors.com](http://www.DirectColors.com)

**EMERGENCY TELEPHONE NUMBER** **INFOTRAC** (800) 535-5053

## SECTION – 2 HAZARDS INFORMATION

**Pictogram**



**Signal Word** Warning

**Hazards** **PHYSICAL / HEALTH / ENVIRONMENTAL HAZARD STATEMENTS**

May cause an allergic skin reaction  
Causes eye irritation  
May form combustible dust concentrations in air

**HAZARD CATEGORY CLASSIFICATION** **CODE**

Category 1 Sensitization (Skin) H317  
Category 2B Eye (Damage / Irritation) H320  
None Combustible Dust H381

**Precautions** **HANDLING / PROTECTION / FIRE / STORAGE / DISPOSAL**

Keep out of reach of children  
Avoid breathing dust / fume / gas / mist / vapours / spray  
Do not get in eyes, on skin, or on clothing  
Wash thoroughly after handling  
Do not eat, drink or smoke when using this product  
Contaminated work clothing should not be allowed out of the workplace  
Avoid release to the environment  
Use personal protective equipment as required (See Section - 8)  
In case of inadequate ventilation wear respiratory protection  
Dispose of material in accordance with all State and Federal Guidelines and Regulations

**CODE**

P102  
P261  
P262  
P264  
P270  
P272  
P273  
P281  
P285  
P501

## SECTION – 3 COMPOSITION INFORMATION

(Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

<u>CHEMICAL NAME</u>	<u>COMMON NAME AND SYNONYMS</u>	<u>CAS #</u>	<u>IMPURITIES</u>	<u>PERCENT</u>
Acrylic Resin-Poly Based		28262-63-7	Methyl Methacrylate ; n-Butyl Methacrylate ; Methacrylic Acid	10 - 40%

## SECTION – 4 FIRST AID MEASURES

**Eye Contact** Flush eyes with cold water while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, If irritation persists seek medical aid

**Skin Contact** Wash with soap and water, Remove any contaminated clothing and wash before reuse, If irritation occurs or persists seek medical aid

**Inhaled** Move person to fresh air, if they have problem breathing, show signs of overexposure or feel unwell obtain medical attention

**Ingested** DO NOT INDUCE VOMITING, rinse mouth with water, and drink small quantities of water, Call a physician, or poison control center, and get medical attention, If victim feels nauseous stop drinking, If vomiting occurs, keep head below hips to prevent aspiration into the lungs

**Important Effects** Exposure may affect, skin

**Important Symptoms** Symptoms may include, allergic skin reactions

## SECTION – 5 FIRE FIGHTING MEASURES

**Extinguishing Media** Not considered flammable but will burn at high temperatures, Use extinguishing media for surrounding fire, alcohol foam, carbon dioxide, dry chemical or sand

**Explosion Hazard** Dust concentrations in air combined with an ignition source can cause combustion

**Hazardous Decomposition** Burning or thermal decomposition can produce, carbon oxides

**Protective Equipment** Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

**SECTION – 6 ACCIDENTAL RELEASE MEASURES**

<b>Emergency Procedures</b>	Warn personnel of spill, Stop spill or release only if it can be done safely, Ventilate area, Keep unprotected personnel from entering the spill area
<b>Personal Precautions</b>	Follow all safety precautions, Wear Personal Protective Equipment, Do not walk through spill
<b>Protective Equipment</b>	Safety Glasses, Gloves, Chemical Apron, Dust Respirator
<b>Containment</b>	Prevent spill from spreading or entering the environment
<b>Clean Up Procedures</b>	Avoid creating dust, Sweep up material and place in a disposal container, Mop area with clean water
<b>Disposal</b>	Dispose of material in accordance with all State and Federal Guidelines and Regulations

**SECTION – 7 HANDLING AND STORAGE**

<b>Handling</b>	Do not get in eyes, Avoid prolonged skin contact, Use appropriate safety equipment, Wash thoroughly after handling, Avoid release to the environment
<b>Storage</b>	Store in a closed container, Store away from incompatible materials, Store away from heat sources
<b>Incompatible Materials</b>	Incompatible with, heat sources, amines, ketones, nitric acid, strong acids, strong bases, strong oxidizing agents

**SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION****EXPOSURE LIMITS**

CHEMICAL NAME	ACGIH (TWA 8)	ACGIH (STEL)	OSHA (TWA 8)	OSHA (CEIL)	NIOSH (TWA 10)	NIOSH (STEL)	Significant Exposure
Acrylic Resin-Poly Based			(T Dust) 15 mg/m <sup>3</sup>	(R Dust) 5 mg/m <sup>3</sup>			RT,SS

**PERSONAL PROTECTION**

HMIS HAZARD RATINGS	
Health	2
Flammability	0
Reactivity	0
Personal Protection	F

<b>Eyes</b>	Wear safety glasses or goggles or face shield when handling / using this material
<b>Hands</b>	Wear chemical resistant impervious gloves when handling / using this material
<b>Lungs</b>	Wear a dust mask designed to protect against inhalation of dust particles
<b>Body</b>	"If Situation Requires" - Wear chemical resistant impervious protective clothing if exposure is considered to be likely when handling / using this material
<b>Response</b>	Access to an eye wash station is a recommended safety precaution for handling / using this type of material
<b>Ventilation</b>	Ventilate to keep dusts of this material below the lowest ppm listed above, If over Threshold Limit Value use a MSHA / NIOSH approved High-efficiency particulate respirator with full facepiece

**SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Flash Point</b>	Combustible dust but not readily ignited	<b>Specific Gravity / Density</b>	ND
<b>Flammable Limits (v)</b>	ND	<b>pH (± 0.3)</b>	ND
<b>Auto-Ignition Temp.</b>	ND	<b>Viscosity (mm<sup>2</sup>s / cSt)</b>	ND
<b>Physical State</b>	Powder	<b>Melting Point</b>	ND
<b>Appearance</b>	Color Varies	<b>Boiling Point</b>	ND
<b>Odor</b>	Slight	<b>Vapor Density (air=1)</b>	ND
<b>Odor Threshold</b>	ND	<b>Vapor Pressure (mmHg)</b>	ND
<b>Solubility</b>	ND	<b>Evaporation Rate (nBuAc=1)</b>	ND
<b>Volatiles</b>	NA	<b>Partition Coefficient</b>	ND
<b>VOC</b>	0%	<b>Molecular Weight (g/mol)</b>	ND
<b>LVP-VOC</b>	0%	<b>Decomposition Temperature</b>	ND

**SECTION – 10 STABILITY AND REACTIVITY**

<b>Reactivity</b>	No specific test data related to reactivity available for this product or its ingredients
<b>Chemical Stability</b>	Stable under normal ambient and anticipated conditions of use
<b>Hazardous Polymerization</b>	Will not occur
<b>Conditions To Avoid</b>	Heat sources, sparks, open flame or incompatible materials
<b>Incompatible Materials</b>	Incompatible with, heat sources, amines, ketones, nitric acid, strong acids, strong bases, strong oxidizing agents
<b>Hazardous Decomposition</b>	Burning or thermal decomposition can produce, carbon oxides

**SECTION – 11 TOXICOLOGICAL INFORMATION****ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Ingestion (Yes), Inhalation (Yes)

**ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE**

**Eyes** Can cause eye irritation  
**Skin** May cause allergic skin reaction  
**Inhalation** May be harmful if inhaled  
**Ingestion** May be harmful if swallowed

**CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE**

**Eyes** Causes eye irritation  
**Skin** May cause allergic skin reaction  
**Inhalation** May be harmful if inhaled  
**Ingestion** May be harmful if swallowed, Symptoms may include, nausea, vomiting, abdominal pain

**Acute Tox Calculated** Oral: > 5,000 mg/kg Dermal: > 5,000 mg/kg Inhaled: > 50 mg/l

**Acute Tox Category** Not applicable (Oral >2,000 mg/kg), Not applicable (Dermal >2,000 mg/kg), Not applicable (Inhaled >5 mg/l) Dust or Mist

**Target Organs** Skin

**Medical Conditions** Preexisting, skin sensitization, disorders may be aggravated by exposure to this product

**Notes to Physician** Treat symptoms, No specific recommendations known

**CARCINOGENIC – This product contains concentrations above 0.1% of the following:**

<u>CHEMICAL NAME</u>	<u>NTP</u>	<u>ACGIH</u>	<u>IARC</u>	<u>GHS Category</u>
None Listed	NA	NA	NA	NA

**MUTAGENIC AND REPRODUCTIVE EFFECTS – This product contains concentrations above 0.1% of the following:**

<u>CHEMICAL NAME</u>	<u>Germ Cell Mutagenicity</u>	<u>Toxic to Reproduction</u>
None Listed	NA	NA

**COMPONENTS ACUTE TOXICITY**

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Form</u>	<u>Subject</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Acrylic Resin-Poly Based			No Data Available			

**SECTION – 12 ECOLOGICAL INFORMATION**

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Subject</u>	<u>Subject Latin</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Acrylic Resin-Poly Based			No Data Available			
<b>Persistence And Degradability</b>	No data available					
<b>Bioaccumulative Potential</b>	No data available					
<b>Mobility In Soil</b>	No data available					
<b>Other Adverse Effects</b>	None known					

**SECTION – 13 DISPOSAL CONSIDERATIONS**

**Disposal Statement** DO NOT DUMP INTO ANY STORM SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER  
 Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

**Container Disposal** Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility

**Material Disposal** Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste, Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate

**SECTION – 14 TRANSPORT INFORMATION****DOT CLASSIFICATION**

<u>UN Number</u>	<u>Proper Shipping Name</u>	<u>n.o.s. ( Chemicals ) or "Limits"</u>					
Not Regulated	Non Regulated Material						
<u>Hazard Class</u>	<u>Packing Group</u>	<u>Label Codes</u>	<u>Reportable Quantity (lb)</u>	<u>Response</u>	<u>Marine Pollutant</u>	<u>Hazard Label</u>	<u>Secondary</u>
None	None	None	None	128	No		

**Additional Info:**

**SECTION – 15 REGULATORY INFORMATION****TSCA**

CHEMICAL NAME	Sec 8(b) Active Inventory	Sec 8(d) Health And Safety	Sec 4(a) Chemical Test Rules	Sec 12(b) Export Notification
None Listed				

**REPORTABLE QUANTITIES**

CHEMICAL NAME	Extremely Hazardous		Reportable Quantity	Emission Reporting		
	EPCRA TPQ Sec 302	EPCRA RQ Sec 304	CERCLA RQ Sec 103	TRI Sec 313	RCRA Code	RMP TQ Sec 112r
None Listed						

**SARA**

Section 311			Section 311 / 312 Hazards			
CHEMICAL NAME	Hazardous Chemical	Acute	Chronic	Flammable	Pressure	Reactive
None Listed						

**RIGHT TO KNOW**

RIGHT TO KNOW													
	STATE												
CHEMICAL NAME	CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI
None Listed													

**CALIFORNIA**

**WARNING:** This Product can expose you to chemicals (Listed below) known to the State of California to cause cancer, birth defects or reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

CHEMICAL NAME	CAS #	Birth Defects	Reproductive Harm	Carcinogen	Developmental
None Listed					

**CLEAN AIR WATER ACTS**

		Clean Air Acts			Clean Water Acts		
CHEMICAL NAME	CAS #	HAP	Ozone Class 1	Ozone Class 2	HS	PP	TP
None Listed							

**INTERNATIONAL REGULATIONS** – The components of this product are listed on the chemical inventories of the following countries:

CHEMICAL NAME	Australia	Canada	Europe (EINECS)	Japan	Korea	UK
None Listed						

**SECTION – 16 OTHER INFORMATION****SDS LEGEND DESCRIPTION**

~	Approximately	KD	Kidney Damage (nephropathy)
ACGIH	American Conference of Governmental Industrial Hygienists	LC50	A concentration that is lethal to 50% of a given species in a given time
CAS	Chemical Abstracts Service Registry	LD50	Dose that is lethal to 50% of a given species by a given route of exposure
CEIL	Ceiling Limit (15 minutes)	LEL	Lower Explosive Limit
CERCL	Comprehensive Environmental Response, Compensation, and Liability Act	LD	Liver Damage
CI	Cochlear Impairment	NA	Not Applicable
CNS	Central Nervous System	ND	Not Determined
EC50	Concentration of a chemical that gives half-maximal response	NE	Not Established
EPA	Environmental Protection Agency	NFPA	National Fire Protection Association
Eye	(EI = Irritation) (ED = Damage) (EV = Visual Impairment)	NIOSH	National Institute for Occupational Safety and Health
FBG	Full Bunker Gear	NTP	National Toxicology Program
GHS	Globally Harmonized System	OSHA	Occupational Safety and Health Administration
HAP	California Hazardous Air Pollutant Clean Air Act	PEL	Permissible Exposure Limit (OSHA)
HMIS-A	Safety glasses	PNS	Peripheral Nervous System
HMIS-B	Safety glasses, gloves	PP	California Priority Pollutant under the Clean Water Act
HMIS-C	Safety glasses, gloves, chemical apron	REL	Recommended exposure limit (NIOSH)
HMIS-D	Face shield, gloves, chemical apron	RT	Upper Respiratory Tract
HMIS-E	Safety glasses, gloves, dust respirator	Skin	(SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer)
HMIS-F	Safety glasses, gloves, chemical apron, dust respirator	SARA	Superfund Amendments and Reauthorization Act
HMIS-G	Safety glasses, gloves, vapor respirator	STEL	Short Term Exposure Limit (15 minutes)
HMIS-H	Splash goggles, gloves, chemical apron, vapor respirator	TC Lo	Lowest concentration that is toxic to a given species in a given time
HMIS-I	Safety glasses, gloves, dust and vapor respirator	TD Lo	Lowest dose that is toxic to a given species
HMIS-J	Splash goggles, gloves, chemical apron, dust and vapor respirator	TLV	Threshold Limit Value (ACGIH)
HMIS-K	Air line hood or mask, gloves, full chemical suit, boots	TP	California Toxic Pollutant under the Clean Water Act
HMIS-X	Ask Supervisor	TSCA	Toxic Substances Control Act
HS	California Hazardous Substance under the Clean Water Act	TWA	Time Weighted Average (8 hours) - NOISH (10 hours)
IG / IH	(IG = Ingested) / (IH = Inhaled - Vapors / Mists / Gas)	UEL	Upper Explosive Limit

**Direct Colors LLC**

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