



SolarColorDust.com LLC
621 Cypress Gardens Blvd
Winter Haven, Florida 33880
USA

Material Safety Data Sheet

SECTION I – IDENTIFICATION OF PRODUCT	
ITEM NUMBER 12Color LCD-INK	Company Phone 863-949-415
COMPANY SolarColorDust.com LLC	DATE PREPARED 04/22/2020

SECTION II – HAZARDS IDENTIFICATION	
HAZARDOUS INGREDIENT	
COMPONENT	%
N/A	

SECTION III – CHEMICAL COMPOSITION/INFORMATION ON INGREDIENTS		
PRODUCT NAME 12Color LCD-INK		
CHEMICAL NATURE	Wt%	CAS NO.
Melamine Formaldehyde Resin	5-10%	68002-20-0
Cholesteric liquid crystal	20-50%	910-31-6
PVA	15-35%	9002-89-5
Water	20-50%	7732-18-5

SECTION IV – FIRST AID MEASURES	
SKIN CONTACT No adversely harmful effects anticipated. Wash exposed areas with soap and water. See a physician.	EYE CONTACT Immediately flush eyes with water for 15 minutes. See a physician if the irritation persists.
INHALATION Remove from exposure immediately. Use a bag valve mask or similar device to perform artificial respiration (rescue breathing).	INGESTION Induce vomiting immediately. See a physician.

SECTION V – FIRE-FIGHTING MEASURES
EXTINGUISHING MEDIA Dry chemical, dry foam, sand, CO ₂
SPECIAL FIRE-FIGHTING PROCEDURES Wear full protective clothing and self contained breathing apparatus.

SECTION VI – ACCIDENTAL RELEASE MEASURES
Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION VII – HANDLING AND STORAGE

HANDLING Avoid spilling. Maintaining good housekeeping standards to avoid accumulation of dust.
STORAGE Store in a sealed container in a cool, dry place. Avoid dispersion of dust in to the air to reduce potential explosion hazard. Avoid contact with liquids. Eliminate ignition sources. Avoid static charge build-up.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

TECHNICAL PROTECTIVE Practice good personal hygiene.
PERSONAL PROTECTIVE EQUIPMENT Safety glasses with side shields recommended for normal handling, dust proof goggles recommended for dust, environments. Use protective gloves. Eyewash facility.
INDUSTRIAL HYGIENE Wash clothes, hands, and other exposed areas, before eating, drinking, smoking, and when leaving work.
PROTECTION AGAINST FIRE AND EXPLOSION N/A

SECTION III – PHYSICAL AND CHEMICAL PROPERTIES

FORM Paste	ODOUR No special odors
COLOUR Brown	pH 4~5
BOILING/MELTING POINT (DEGREES CELSIUS) >100/0	SPECIFIC GRAVITY (WATER=1) N/A
VAPOR PRESSURE (mm. OF MERCURY) N/A	PERCENT VOLATILITY (BY VOLUME) N/A
VAPOR DENSITY (AIR=1) N/A	EVAPORATION RATE (ETHYL ETHER=1) N/A
SOLUBILITY IN WATER Soluble	EVAPORATION RATE (BUTYL ACETATE=1) N/A

SECTION X – STABILITY AND REACTIVITY

THERMAL DECOMPOSITION N/A	DANGEROUS REACTION N/A
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SECTION XI – TOXICOLOGY INFORMATION

ACUTE ORAL TOXICITY N/A
SKIN IRRITATION Slight skin irritation. No data found on skin absorption.
EYE IRRITATION Slight eye irritation. Slight inhalation hazard particulates/dust.

SECTION XII – ECOLOGICAL INFORMATION

ELIMINABILITY N/A

SECTION XIII – DISPOSAL CONSIDERATIONS

DISPOSAL Land fills solids at permissible sites.
IN CASE OF SPILL Potential dust explosion hazard. Sweep gentle to avoid dust with an ordinary broom. Clean exposed area with soap and water. Potential slip hazard.

SECTION XIV – TRANSPORT INFORMATION

No classification assigned by IATA.

SECTION XV—REGULATORY INFORMATION

TSCA inventory status

Y

TSCA 12(b) export notification

Not listed

SECTION XVI—OTHER INFORMATION

Recommended used and restrictions

None

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