Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200(g). Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health
Administration (Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

SECTION I - IDENTIFICATION

Product identifier: Vinyl-Koat, Blue

Relevant identified uses: For industrial or professional use only.

Supplier: Kastalon Inc.
4100 W. 124th Place
Alsip, IL 60803-1876

Emergency telephone number: 708-389-2210
Telephone for information: 708-389-2210
Website: www.kastalon.com

SECTION II - HAZARD(S) IDENTIFICATION

Classification of the substance or mixture: This compound contains a plasticizer that has been deemed a Cancer Suspect.

Label Elements

Trade name: Vinyl-Koat, Blue

Signal Word: Warning

Hazard statement(s): H351
Suspected of causing cancer.

Pictograms:

Precautionary statement(s): P309
If exposed to processing fumes for long periods of time and feeling unwell: Remove affected individual(s) from fumes and call a physician
P370
In case of fire: Avoid fumes as they may be toxic.
P370 + P378
In case of fire: Use extinguisher (see section 5 for more information)
P501
Dispose of or incinerate in accordance with local regulations at a licensed/permitted facility. Incineration may yield hydrogen chloride gas.

Description of any hazards not otherwise classified: N/A

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient: PVC Suspension Resin
Molecular weight: Not applicable
Synonym(s): None
CAS number: 9002-86-2
Range: N/A

Ingredient: Di(2-ethylhexyl)phthalate (DEHP or DOP)
Molecular weight: Not applicable
Synonym(s): None
CAS number: 117-81-7
Range: N/A

Ingredient: Limestone Dust
Molecular weight: Not applicable
Synonym(s): None
CAS number: 1317-65-3
Range: N/A

Ingredient:	Trisnonylphenyl Phosphite/ESO Blend	Molecular weight:	Not applicable
Synonym(s):	None	CAS number:	See section 16
Range:	N/A		
Ingredient:	Norstab 51	Molecular weight:	Not applicable
Synonym(s):	None	CAS number:	See section 16
Range:	N/A		

SECTION IV - FIRST-AID MEASURES

Inhalation:	Remove affected individual(s) from fumes and call a physician.
Skin contact:	Not a route of exposure.
Eye contact:	Not a route of exposure.
Ingestion:	Not a route of exposure.
Most important symptoms and effects, both acute and delayed:	Respiratory tract irritation may occur after periods of exposure.

SECTION V - FIRE-FIGHTING MEASURES

Extinguishing media:	Suitable media includes protein foam, ABS dry chemical, or foam/water spray.
Unusual fire and explosion hazards:	None
Special information:	Thermal decomposition of this material liberates hydrogen chloride in addition to typical combustion gases such as carbon monoxide.
Recommended firefighting procedures:	Firefighters should wear self-contained breathing apparatus and full protective clothing. Downwind personnel should be evacuated. Positive pressure SCBA should be used immediately during or shortly after fire.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:	None
Environmental precautions:	None
Methods and materials for containment and cleaning up:	Vacuum or sweep into a closed container for reuse or disposal.

SECTION VII - HANDLING AND STORAGE

Precautions for safe handling:	None in normal use.
Conditions for safe storage, including any incompatibilities:	Store material at ambient temperature and pressure. Keep away from sources of flame, sparks, or other ignition sources. Material is stable under normal conditions.
Advice on general hygiene practices:	Do not eat, drink, and/or smoke in work areas. For industrial or professional use only.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:		OSHA PEL [mg/m3]	OSHA STEL [mg/m3]	ACGIH TLV [mg/m3]
	PVC Suspension Resin	15 (total dust) 5 (respirable)	N/A	10 (inhalable) 3 (respirable)
	Di(2-ethylhexyl)phthalate	5	N/A	5
	Limestone Dust	5	N/A	2
	Trisnonylphenyl Phosphite/ESO Blend	N/A	N/A	N/A
	Norstab 51	15	N/A	10

Ventilation system: Proper ventilation systems should be used in processing areas.

Suggested Individual PPE: Safety Glasses, Rubber Gloves

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Personal respirators: None required in normal use. For low temperature grinding operations wear a NIOSH approved dust respirator. If generating gas, vapor, and fumes from hot wire, hot knife, or other thermal processing operations (including potentially some grinding operations) wear a NIOSH approved air-purifying respirator with organic cartridge or supplied-air respirator if ventilation is inadequate. Replace cartridge according to respirator manufacturer's change out schedule

Skin protection: None required in normal use

Other protective clothing or equipment: None required in normal use

Work/hygienic practices: Do not eat, drink, and/or smoke in work areas. Wash hands after use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue	Freezing/melting point:	> 220 °F
Lower/upper explosive limits:	N/A	Boiling point/range:	N/A
Odor:	Odorless	Flash point:	N/A
Odor threshold:	N/A	Evaporation rate	N/A
Vapor pressure (mm Hg):	N/A	% Volatiles by volume at 70°F (21°C)	N/A
Vapor density (Air = 1):	N/A	Partition coefficient: n-octanol / water:	N/A
pH:	N/A	Auto-ignition temperature:	N/A
Relative density:	1.14 to 1.70	Decomposition temperature:	N/A
Solubility in water:	Considered Insoluble in water	Viscosity:	1.02

SECTION X - STABILITY AND REACTIVITY

Reactivity and chemical stability: Not reactive under normal use. Stable under normal use/storage conditions.

Hazardous polymerization: Will not occur under normal use/storage conditions.

Conditions to avoid: Avoid temperatures greater than 400 °F for prolonged periods of time as this will cause degradation.

Incompatible materials: N/A

Hazardous decomposition or byproducts:	Hydrogen Chloride gas, Carbon Monoxide, and Aliphatic Olephins or traces of Benzene, Aliphatic/Aromatic Hydrocarbons.

SECTION XI - TOXICOLOGICAL INFORMATION

Inhalation:	No data available	Skin contact:	Not an irritant
Ingestion:	Non-toxic	Eye contact:	Not an irritant
Chronic exposure:	No data available	Specific target organ toxicity - single exposure (GHS)	No data available
Specific target organ toxicity - repeated exposure (GHS)	No data available		
Aggravation of pre-existing conditions:	Excessive processing vapors may produce acute health effects in some individuals with bronchial asthma and other types for chronic respiratory diseases. Bronchial spasms may develop if exposure is prolonged.		
Carcinogenicity:	Not listed as a carcinogen	IARC Monographs:	No
NTP:	No	OSHA Regulated:	No
Acute toxicity:	Non-toxic	IARC category:	None

SECTION XII - ECOLOGICAL INFORMATION

Bioaccumulative potential:	No data available	Mobility in soil:	No data available
Ecotoxicity:	Not applicable under normal conditions.	Other adverse effects:	No data available
Persistence and degradability:	Product is not expected to rapidly biodegrade.		

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method:	Dispose of or incinerate in accordance with local regulations at a licensed/permitted facility. Incineration may yield hydrogen chloride gas. Cardboard gaylords may be recycled.

SECTION XIV – TRANSPORT INFORMATION

UN number:	Not regulated	Hazard class:	Not regulated
Proper shipping name:	Not regulated	Packing group:	Not regulated
		Environmental hazards:	Not regulated
Special precautions for the user:	Not regulated	Transport in bulk information:	Not regulated

SECTION XV – REGULATORY INFORMATION

USA

TCSA Status:	All ingredients are listed on the TSCA inventory		
SARA Title III, Section 302 Extremely Hazardous Substances:	None	SARA Title III, Section 313 Toxic Chemical:	None
Clean Water Act:	N/A	Clean Air Act:	N/A
CERCLA Hazardous Substances and corresponding RQs:	N/A	REACH:	Di(2-ethylhexyl)phthalate is on the Candidate List of substances of very high concern.

U.S. State Regulations

California Prop 65:	Di(2-ethylhexyl)phthalate is on the list of chemicals known to the State of California to cause cancer or reproductive toxicity.	Other States:	N/A

Canada

DSL/NDSL:	Not controlled.	WHMIS Classification	Not controlled.

EU

European Inventory of Existing Commercial Chemical Substances (EINECS):	N/A

International Regulations

European/International Regulations:	N/A
Chemical safety assessment:	No data available

SECTION XVI – OTHER INFORMATION

Date prepared: 2016-02-05

1Trisnonylphenyl Phosphite/ESO Blend:

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #
Trisnonylphenyl Phosphite	26523-78-4
Nonylphenol	84852-15-3
Epoxidized Soybean Oil	8013-07-8

EEC 67/548: Not listed in Annex 1. See Section 14

2Norstab 51:

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	CAS NO.	%
Metallic Soap Blend	Proprietary	75 - 85
Fatty acids	Proprietary	15 - 25

This safety data sheet is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. It is not meant to be an all-inclusive document on worldwide hazard communication regulation. This information is believed to be accurate as of the date issued. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent exposures, property damage, or release to the environment. No warranty is expressed or implied with respect to the information herein supplied, and no responsibility for injury to the recipient or third persons, or for any damage to any property is assumed.