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

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Synonym(s):</th>
<th>Range:</th>
<th>Molecular weight</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC Suspension Resin</td>
<td>None</td>
<td>N/A</td>
<td>Not applicable</td>
<td>9002-86-2</td>
</tr>
<tr>
<td>Di(2-ethylhexyl)phthalate</td>
<td>None</td>
<td>N/A</td>
<td>Not applicable</td>
<td>117-81-7</td>
</tr>
<tr>
<td>(DEHP or DOP)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Limestone Dust</td>
<td>None</td>
<td>N/A</td>
<td>Not applicable</td>
<td>1317-65-3</td>
</tr>
</tbody>
</table>

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. Do not eat, drink, and/or smoke in work areas. For industrial or professional use only.
Advice on general hygiene practices: None
SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:

<table>
<thead>
<tr>
<th>Substance</th>
<th>OSHA PEL [mg/m3]</th>
<th>OSHA STEL [mg/m3]</th>
<th>ACGIH TLV [mg/m3]</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC Suspension Resin</td>
<td>15 (total dust)</td>
<td>N/A</td>
<td>10 (inhalable)</td>
</tr>
<tr>
<td></td>
<td>5 (respirable)</td>
<td></td>
<td>3 (respirable)</td>
</tr>
<tr>
<td>Di(2-ethylhexyl)phthalate</td>
<td>5</td>
<td>N/A</td>
<td>5</td>
</tr>
<tr>
<td>Limestone Dust</td>
<td>5</td>
<td>N/A</td>
<td>2</td>
</tr>
<tr>
<td>Trisnonylphenyl</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Phosphite/ESO Blend</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Norstab 51</td>
<td>15</td>
<td>N/A</td>
<td>10</td>
</tr>
</tbody>
</table>

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

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

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
SECTION XI - TOXICOLOGICAL INFORMATION

| 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:

2Norstab 51:

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.