

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, Gray
Relevant identified uses: For industrial or professional use only.
Supplier: Kastalon Inc. Emergency telephone number: 708-389-2210
4100 W. 124th Place Telephone for information: 708-389-2210
Alsip, IL 60803-1876 Website: www.kastalon.com

SECTION II - HAZARD(S) IDENTIFICATION

Classification of the substance or mixture: While this material is not considered hazardous according to the OSHA Hazard Communication Standard (29CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available.

Label Elements

Trade name:	Vinyl-Koat, Gray	Signal Word:	None
Hazard statement(s):	None	Pictograms:	None
Precautionary statement(s):	None		

Description of any hazards not otherwise classified: Acute: Fumes from hot work on or near polyurethane products can be irritating and lead to coughing. These fumes could contain traces of TDI, MDI, other isocyanates, and/or MBOCA. Skin or airborne exposure to isocyanates may produce an asthma-like lung sensitization, with shortness of breath, wheezing or cough, which may occur after re-exposure to very low levels. Skin contact with some polyurethane products may result in skin sensitization or an asthma-like lung sensitization. Chronic: Animal studies indicate that chronic inhalation or overexposure of dusts may cause inflammation of the lungs, fibrosis, and airway destruction. Severe Immediate Hazards
Dusts from grinding operations may aggravate existing lung disorders when proper protection is not used.
OSHA Regulatory Status
POLYURETHANE ELASTOMERS ARE FULLY REACTED POLYMERS FORMING ARTICLES WHICH ARE NOT CONSIDERED HAZARDOUS UNDER OSHA's CRITERIA 29 CFR 1910.1200. HOWEVER, HAZARDOUS DUSTS, VAPORS, GASES, OR FUMES MAY BE RELEASED BY MECHANICAL OR THERMAL PROCESSING, OR BY THERMAL DECOMPOSITION

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

Synonym(s):	N/A	Molecular weight:	Not applicable
Ingredient:	Di (2-ethylhexyl) Phthalate	CAS number:	104-14-4
Range:	< 32 %		

SECTION IV - FIRST-AID MEASURES

Inhalation:	If respiratory irritation occurs from handling this product, move person to well-ventilated area. Signs of respiratory irritation may include dryness or soreness of the nose and throat, persistent coughing, sneezing etc.
Skin contact:	If skin irritation occurs from handling this product, wash affected area with water. Seek medical attention if irritation persists or signs of allergic reaction are present (extreme reddening, swelling, severe itching, rash, etc.).
Eye contact:	In case of eye irritation from the use of this product, immediately flush eyes with water and seek medical assistance if irritation persists.
Ingestion:	Not a route of exposure.
Most important symptoms and effects, both acute and delayed:	Acute: None Delayed: Sensitizing effects possible from dusts/fumes

SECTION V - FIRE-FIGHTING MEASURES

Extinguishing media:	Suitable media includes carbon dioxide, ABC dry powder, protein-type foam, or water spray.	Unusual fire and explosion hazards:	Products of combustion may include carbon monoxide, carbon dioxide, aliphatic and aromatic hydrocarbons, etc.
Special information:	Toxic and/or irritating fumes can be produced during burning of this material. Decomposition products may be hazardous (see section 10 for details on decomposition products).		
Recommended firefighting procedures:	Firefighters should wear self-contained breathing apparatus and full protective clothing.		

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:	Evacuate personnel. Wear suitable PPE as described in section 8.
Environmental precautions:	None assurance
Methods and materials for containment and cleaning up:	Pick up and handle as any other solid material.

SECTION VII - HANDLING AND STORAGE

Precautions for safe handling:	This material should be handled in accordance with good industrial and hygiene practices, including thorough washing after handling and before eating, drinking or using tobacco products.
Conditions for safe storage, including any incompatibilities:	Kastalon recommends that this product be stored in dry conditions at a temperature up to 77° F and away from direct light. It is also recommended that this product be used within six months of the manufacturing date.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation system:	Adequate local exhaust ventilation should be available in processing areas.
Skin protection:	Although plastic pellets present no unusual hazards when handling, gloves and protective clothing should be worn, particularly when working with this material at elevated temperatures. Gloves should also be worn when cleaning condensate from exhaust hoods or other equipment.
Eye protection:	Wear safety glasses or goggles whenever handling this material in an occupational setting.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Cubical or spherical pellets ranging from approximately 1/32" - 1/8" per side
Melting point:	N/A
Odor:	Slight "plastic" odor
Specific Gravity:	1.35
Vapor pressure (mm Hg):	N/A
Solubility in water:	Negligible

SECTION X - STABILITY AND REACTIVITY

Reactivity and chemical stability:	Stable under normal conditions of handling, use and transportation.		
Hazardous polymerization	Will not occur under normal use/storage conditions.	Conditions to avoid:	Burning this product can produce toxic fumes.
Incompatible materials:	Strong acids or bases.		
Hazardous decomposition or byproducts:	Products of hazardous decomposition may include hydrogen chloride, carbon monoxide, carbon dioxide, aliphatic and aromatic hydrocarbons, etc.		
Materials to Avoid:	Do not process in the presence of polyacetal. Hazardous decomposition can occur.		

SECTION XI - TOXICOLOGICAL INFORMATION

This product is a thermoplastic compound produced from a base polymer(s) and a number of additives. Toxicological information is currently not available for this product. However, some data may be available for individual components. Because these components are proprietary, information disclosure about specific components must be done on a case-by-case basis.

SECTION XII - ECOLOGICAL INFORMATION

Ecological information is currently not available for this product. As with toxicological data, information may be available for some or all of the individual components. Again, because of the proprietary nature of the components, disclosure on specific components must be done on a case-by-case basis.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Not considered a RCRA hazardous material. Dispose of material according to any local, state, and federal regulations.

Recycling: Thermoplastic compounds lend themselves to recycling. Recycling is preferred over waste disposal.

SECTION XIV – TRANSPORT INFORMATION

US Department of Transportation Classification:	This material is not classified as hazardous under 49 CFR Parts 171-180.	International Maritime Organization (IMDG):	This material is not classified as hazardous.
International Air Transportation Association Classification (IATA):	This material is not classified as hazardous.	UN, IMO, ADR/RID, ICAO Code:	This material is not dangerous for conveyance under these codes.

SECTION XV – REGULATORY INFORMATION

All the components of this product are on the Toxic Substances Control Act (TSCA) Inventory, or are exempt. YES

All components of this product appear on the Canadian Domestic Substance List (DSL) Inventory. YES

CALIFORNIA PROPOSITION 65 - Safe Drinking Water and Toxic Enforcement Act of 1986 WARNING: This product contains DEHP, a chemical known to the state of California to cause cancer and birth defects and other reproductive harm.

This product complies with the requirements of the European Union's RoHS Directive, officially known as "DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast)". YES

This product contains, or was manufactured with, a Class I or Class II ozone depleting substance (ODS) as defined under the Clean Air Act (CAA) and described in 40 CFR 82. NO

REACH SVHC

This product contains the following Substances of Very High Concern (SVHC) as identified by the European Chemicals Agency (ECHA) under the European Union's REACH regulation 1907/2006/EC:

CAS#	Substance of Very High Concern (SVHC)	Percent by Weight
117-81-7	DI (2-ETHYLHEXYL) PHTHALATE	< 32 %

SECTION 313 - Supplier Notification

This product contains 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#	Chemical Name	Percent by Weight
117-81-7	DI (2-ETHYLHEXYL) PHTHALATE	< 32 %

SECTION XVI – OTHER INFORMATION

Hazards Rating Systems:

HMIS Classification: Health = 2, Flammability = 1, Reactivity = 0

NFPA Rating: Health = 1, Flammability = 1, Reactivity = 0

Date prepared: 2016-02-05

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.