

MATERIAL SAFETY DATA SHEET

BLACK PIGMENT

Section I. Chemical Product and Company Identification												
Trade name 80179	Product Type Color Paste	<p>NFPA (USA)</p> <p>Fire</p> <p>Health 1 1 0 Reactivity</p> <p>Specific Hazard</p> <table border="1"> <thead> <tr> <th colspan="2">HMIS (USA)</th> </tr> </thead> <tbody> <tr> <td>Health hazards</td> <td>1</td> </tr> <tr> <td>Fire Hazard</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> <tr> <td>Personal protection</td> <td>X</td> </tr> </tbody> </table>	HMIS (USA)		Health hazards	1	Fire Hazard	1	Reactivity	0	Personal protection	X
HMIS (USA)												
Health hazards	1											
Fire Hazard	1											
Reactivity	0											
Personal protection	X											
CAS # Mixture	Product Name Black Pigment											
Chemical Name Not applicable	Synonym None											
Chemical Family Coloring material	Chemical Formula Not applicable											
Material Uses Used as a colorant in industrial polyurethane coatings												
TSCA All ingredients are listed or compliant with TSCA.												
DSL One or more ingredients are not on the DSL list.												
Company Information Al's Liner PO Box 756 Plainfield, IN 46168 (800) 999-6841	In Case of Emergency CHEMTREC (US): 24 hours/7 days (800) 424-9300											

Section II. Hazards Identification	
OSHA status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Routes of entry	Skin contact. Eye contact. Ingestion.
Potential acute health effects	This product may irritate eyes and skin upon contact. Prolonged exposure may cause dermatitis. While ingestion is unlikely it may cause irritation to gastrointestinal tract. May cause nausea, diarrhea, or vomiting.
Potential chronic health effects	CARCINOGENIC EFFECTS: Carbon Black: Classified A4 (not classifiable for human or animal) by ACGIH. Classified 2B (possible for human) by IARC. MUTAGENIC OR TERATOGENIC EFFECTS No known effect according to our database.

Section III. Composition/Information on ingredients		
Name	CAS #	% by weight
Diisodecyl Phthalate	68515-49-1	60-100
Carbon Black	1333-86-4	20-30

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Section IV. First Aid Measures	
Eye Contact	Flush with a continuous flow of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Use of buffered baby shampoo will aid in removal. Seek medical attention.
Skin contact	Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
Inhalation	Move the victim to a safe area as soon as possible. Allow the victim to rest in a well-ventilated area. If breathing is difficult, give oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Ingestion	Remove dentures if any. Have conscious person drink several glasses of water or milk. Induce vomiting (by qualified person only). Lower the head so that vomit will not re-enter the mouth and throat. Never give an unconscious person anything to ingest. Seek medical attention.

Section V. Fire Fighting Measures	
The product is:	Combustible liquid, Class IIIB.
Auto-ignition temperature	Not available.
Flash point	240°F (116°C)
Flammable limits	Not available.
Products of combustion	May produce carbon monoxide, carbon dioxide, and irritating or toxic vapors, gases or particulate. If product contains metal compounds, the toxic fumes may contain fumes of that metal. See Section II.
Fire hazard	No specific information is available in our database.
Explosion hazard	No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.
Fire-fighting media and instructions	SMALL FIRE: Use carbon dioxide, foam, dry chemical or water fog to extinguish. LARGE FIRE: Evacuate surrounding areas. Use carbon dioxide, foam, dry chemical or water fog to extinguish. Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Cool containing vessels with water spray in order to prevent pressure build-up, autoignition or explosion. Prevent run off to sewers or other water ways.

Section VI. Accidental release measures	
Small spill	Absorb with an inert material and place in an appropriate waste disposal container.
Large spill	Stop leak if without risk. Eliminate all ignition sources. Contain with an inert material, recover as much as possible and place the remainder in an appropriate waste disposal container. Warn unauthorized personnel to move away. Prevent entry into sewers or confined areas.

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Section VII. Handling and storage	
Handling	CAUTION Use only in well-ventilated areas. Avoid inhalation and contact with eyes, skin, and clothing. Wear appropriate personal protective equipment for your task. Prevent prolonged or repeated skin contact. Note: If product contains metal compounds (Section II), avoid dust from dried product or grinding of articles made from this material.
Storage	Keep container dry. Containers should be grounded. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Section VIII. Exposure controls/personal protection					
Exposure Limits	<table border="0"> <tr> <td>Diisodecyl Phthalate</td> <td>Not Available</td> </tr> <tr> <td>Carbon black</td> <td>OSHA PEL (United States). TWA: 3.5 mg/m³ ACGIH TLV (United States). TWA: 3.5 mg/m³</td> </tr> </table>	Diisodecyl Phthalate	Not Available	Carbon black	OSHA PEL (United States). TWA: 3.5 mg/m ³ ACGIH TLV (United States). TWA: 3.5 mg/m ³
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Engineering controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Provide adequate safety showers and eyewashes in the area of use.				
Personal Protection	<p>Personal protective equipment may vary depending on the job being performed.</p> <p>Eye/Face: Wear eye protection such as safety glasses with side shields, splash goggles or face shield with safety glasses.</p> <p>Skin: Avoid skin contact. Impervious gloves should be worn. Other items may include long sleeves, lab coats, or impervious jackets.</p> <p>Respiratory: Determine if airborne concentrations are below the recommended exposure limits in accordance with your company's PPE program and regulatory requirements. If they are not, select a NIOSH-approved respirator that provides adequate protection from the concentration levels encountered. Air-purifying respirators are generally adequate for organic vapors. Use positive pressure, supplied-air respirators if there is potential for an uncontrolled release, if exposure levels are unknown, or under circumstances where air-purifying respirators may not provide adequate protection.</p> <p>Reference OSHA 29 CFR 1910.134</p>				
Personal protection in case of a large spill	Chemical resistance gloves, full protective suit and boots. Respiratory protection in accordance with OSHA regulation 29 CFR 1910.134. A self-contained breathing apparatus should be used to avoid inhalation of the product vapors.				

Section IX. Physical and chemical properties	
Physical state	Paste/Dispersion
Color	Black
Odor	Mild
Molecular Weight (g/mol)	Not available
Boiling point	>400°F (204°C)
Melting point	Not available
pH (1% soln/water)	Not applicable

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Vapor pressure	Not established
Vapor density	Not established
Specific gravity	1.0 to 2.1
Water/oil dist. coeff.	Not available
Evaporation rate	Not established
Odor threshold	Not established
Solubility in water	Negligible
Dispersibility properties	Not dispersed in water

Section X. Stability and reactivity

Stability	This product is stable as supplied.
Instability temperature	Not applicable
Conditions of instability	Not applicable
Incompatibility with various substances	No specific information is available in our database
Corrosivity	Our database contains no additional remark on the corrosivity of this product

Section XI. Toxicological Information

Toxicity to animals	Name	Result	Species	Dose	Exposure
	Carbon black	LD50 Dermal	Rabbit	>3000 mg/kg	-
		LD50 Oral	Rat	>15400 mg/kg	-
		LC50 Inhalation	Rat	6750 mg/m ³	4 hours
		Dusts and mists			
Special remarks on toxicity to animals	No additional remark				
Special remarks on chronic effects on humans	No additional remark				
Special remarks on other toxic effects on humans	No additional remark				

Section XII. Ecological Information

Ecotoxicity	Not available.
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Section XIII. Disposal Considerations

Waste Disposal	Recycle to process, if possible. Toxic characteristic metals may be present (See Section II).
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Section XIV. Transport Information			
DOT	Not Regulated.	Labels Required	None
TDG	Not Regulated.	Labels Required	None
IATA/IMDG	IATA Classification: Non-Regulated. IMDG Classification: Non-Regulated.		
Additional information	US regulations require the reporting of spills when the amount exceeds the Reportable Quantity (RQ) for specific components of this material. See CERCLA in Section 15, Regulatory Information, for the Reportable Quantities.		

Section XV. Other Regulatory Information	
Other Regulations	<p>This section does not reference all applicable regulatory compliance lists.</p> <p>TSCA: All ingredients are listed or compliant with TSCA.</p> <p>DSL: All ingredients are listed or compliant with the NSNR.</p> <p>OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).</p> <p>Proposition 65 Warning: This product contains a chemical(s) known to the State of California to cause cancer, birth defects, and/or reproductive harm.</p> <p>SARA 302 component(s): None.</p> <p>SARA 313 component(s): None.</p> <p>CERCLA RQ(s): None.</p>

Section XVI. Other Information	
Prepared by	Vantage Products LLC – Corporate Regulatory Affairs
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