



# Black Knight LV

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations  
Revision Date: 05/13/2015 Date of issue: 06/01/2015

Version: 1.0

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** Black Knight LV

**Product Code:** 8341

#### Intended Use of the Product

Hot applied rubber modified roofing tar. For professional use only.

#### Name, Address, and Telephone of the Responsible Party

##### **Manufacturer**

The Garland Company, Inc.  
3800 East 91<sup>st</sup> Street  
Cleveland, Ohio 44105-2197  
T-800-762-8225  
F-216-641-0633  
www.garlandco.com

##### **Supplier**

The Garland Company, Inc.  
3800 East 91<sup>st</sup> Street  
Cleveland, Ohio 44105-2197  
T-800-762-8225  
F-216-641-0633  
www.garlandco.com

Garland Canada, Inc.  
209 Carrier Drive  
Toronto, Ontario M9W 5Y8  
T-416-747-7995  
F-416-747-1980  
www.garlandco.com

#### Emergency Telephone Number

**Emergency Number** : 1-800-762-8225 24 hours

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### **Classification (GHS-US)**

Skin Sens. 1 H317

Muta. 1B H340

Carc. 1A H350

Repr. 1B H360

Full text of H-phrases: see section 16

#### Label Elements

##### **GHS-US Labeling**

##### **Hazard Pictograms (GHS-US)**



##### **Signal Word (GHS-US)**

: Danger

##### **Hazard Statements (GHS-US)**

: H317 - May cause an allergic skin reaction  
H340 - May cause genetic defects  
H350 - May cause cancer  
H360 - May damage fertility or the unborn child

##### **Precautionary Statements (GHS-US)**

: P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood.  
P261 - Avoid breathing mist, spray, vapours.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P280 - Wear protective gloves, eye protection, face protection.  
P302+P352 - If on skin: Wash with plenty of water.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P321 - Specific treatment (see details on this label).  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P405 - Store locked up.  
P501 - Dispose of contents/container to in accordance with local, regional, and national regulations.

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### Other Hazards

Skin irritation may be aggravated by exposure to sunlight/UV rays.

**Unknown Acute Toxicity (GHS-US)** Not available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

Name	Product identifier	%	GHS-US classification
Pitch, coal tar, high-temp	(CAS No) 65996-93-2	81.160675 - 82.860375	Muta. 1B, H340 Carc. 1B, H350 Repr. 1B, H360
Fluoranthene	(CAS No) 206-44-0	2.865 - 3.4125	Acute Tox. 4 (Oral), H302
Phenanthrene	(CAS No) 85-01-8	2.483 - 3.12	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzo[a]anthracene	(CAS No) 56-55-3	1.146 - 1.365	Carc. 1B, H350 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Chrysene	(CAS No) 218-01-9	1.0505 - 1.365	Muta. 2, H341 Carc. 1B, H350 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzo[a]pyrene	(CAS No) 50-32-8	1.0505 - 1.2675	Skin Sens. 1, H317 Muta. 1B, H340 Carc. 1A, H350 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Indeno(1,2,3-cd)pyrene	(CAS No) 193-39-5	0.7831 - 0.96525	Carc. 1B, H350
Benzo[e]acephenanthrylene	(CAS No) 205-99-2	0.764 - 0.8775	Carc. 1B, H350 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Dibenz(a,h)anthracene	(CAS No) 53-70-3	0.191 - 0.24375	Carc. 1B, H350 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
naphthalene	(CAS No) 91-20-3	0.02865 - 0.234	Acute Tox. 4 (Oral), H302 Carc. 1B, H350 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
dibenzo(a,i)pyrene	(CAS No) 189-55-9	0.191 - 0.24375	Carc. 1B, H350

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200]. A range of concentration as prescribed by the Controlled Products Regulations has been used where necessary, due to varying composition.

Full text of H-phrases: see section 16

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### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). If exposed or concerned: Get medical advice/attention.

**Inhalation:** Remove person to fresh air and keep comfortable for breathing. Allow victim to breathe fresh air. Allow the victim to rest.

**Skin Contact:** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

**Eye Contact:** Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist. Rinse eyes with water as a precaution.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Immediately call a POISON CENTER or doctor/physician.

#### Most Important Symptoms and Effects Both Acute and Delayed

**Symptoms/Injuries:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Skin Contact:** May cause an allergic skin reaction. Skin irritation may be aggravated by exposure to sunlight/UV rays.

**Inhalation:** May cause respiratory irritation.

**Eye Contact:** Direct contact with the eyes is likely to be irritating.

**Ingestion:** Swallowing a small quantity of this material will result in serious health hazard.

#### Indication of Any Immediate Medical Attention and Special Treatment Needed

No additional information available.

### SECTION 5: FIRE-FIGHTING MEASURES

#### Extinguishing Media

**Suitable Extinguishing Media:** Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream.

#### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Material will support combustion. Flash Point greater than 300 degrees F.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** On burning: release of harmful gases/vapours. Reacts with (strong) oxidizers. On heating: formation of small quantities of hydrogen sulphide. On heating: release of toxic/corrosive/combustible gases/vapours (ammonia). At very high temperature: release of carcinogenic products.

#### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

**Hazardous Combustion Products:** Not available

#### Reference to Other Sections

Refer to section 9 for flammability properties.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Personnel

**Protective Equipment:** Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

**Emergency Procedures:** Ventilate area. Stop release.

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### Environmental Precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Notify authorities if product enters sewers or public waters.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Containment & Cleaning Up:** Recover mechanically the product. On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials. Notify authorities if product enters sewers or public waters.

### Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Additional Hazards When Processed:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid contact with skin and eyes. Avoid breathing dust, fume, mist, vapours.

**Hygiene Measures:** Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion proof equipment. Use only non-sparking tools.

**Storage Conditions:** Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources, Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking, Keep away from ignition sources, Protect from moisture, Keep cool. Protect from sunlight. Keep container closed when not in use. Store locked up. Store in a well-ventilated place. Keep cool.

**Incompatible Materials:** Avoid contact with strong oxidizers.

### Specific End Use(s)

No additional information available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

naphthalene (91-20-3)		
ACGIH	ACGIH TWA (ppm)	10 ppm
ACGIH	ACGIH STEL (ppm)	10 ppm
ACGIH	Remark (ACGIH)	Hematologic eff; URT & eye irr; Skin; A3
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	50 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	10 ppm

Pitch, coal tar, high-temp (65996-93-2)		
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.2 mg/m <sup>3</sup>
ACGIH	Remark (ACGIH)	Cancer

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### Exposure Controls

**Personal Protective Equipment:** Avoid all unnecessary exposure. Protective clothing. On heating: insulated gloves. On heating: heatproof clothing. Insufficient ventilation: wear respiratory protection. Insulated gloves. Face shield. Safety glasses.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Use of protective creams and sunscreen agents are recommended. Protective creams or "barrier creams" form a film that acts as both a chemical and physical "barrier" between skin and the contaminant and tends to penetration of the contaminant into the pores of the skin. In applying "barrier" creams, be sure the skin is clean and dry. Sunscreen agents filter out most of the rays from the sun.

**Respiratory Protection:** Wear appropriate mask. Wear respiratory protection.

**Environmental Exposure Controls:** Avoid release to the environment.

**Consumer Exposure Controls:** Do not eat, drink or smoke during use

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Black, rubbery solid
Odor	: Aromatic; tar odor
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: > 446 (446 - 482) °F
Flash Point	: > 300 °F COC
Auto-ignition Temperature	: Not available
Softening Point	: >=126°F
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Not available
Relative Density	: Not available
Specific Gravity	: Not available
Solubility	: Water: Solubility in water of component(s) of the mixture : • bis(2-ethylhexyl)adipate: < 0.01 g/100ml • benzo[a]pyrene: < 0.00001 g/100ml • benzo[e]acephenanthrylene: < 0.00001 g/100ml • naphthalene: 0.0030 g/100ml • phenanthrene: insoluble • pyrene: 0.000012 g/100ml • dibenz(a,h)anthracene: 0.00000025 g/100ml • benzo[a]anthracene: 0.00001 g/100ml • fluoranthene: 0.000026 g/100ml • dibenzo(a,i)pyrene: insoluble • chrysene: 0.00000020 g/100ml • indeno(1,2,3-cd)pyrene: < 0.00001 g/100ml • acenaphthene: insoluble
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available

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**Explosion Data – Sensitivity to Mechanical Impact** : Not available

**Explosion Data – Sensitivity to Static Discharge** : Not available

### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** On burning: release of harmful gases/vapours. Reacts with (strong) oxidizers. On heating: formation of small quantities of hydrogen sulphide. On heating: release of toxic/corrosive/combustible gases/vapours (ammonia). At very high temperature: release of carcinogenic products.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** Not established.

**Conditions to Avoid:** Open flame. Overheating.

**Incompatible Materials:** Oxidizing agent.

**Hazardous Decomposition Products:** fume, carbon monoxide, carbon dioxide, hydrogen sulfide & sulfides.

### SECTION 11: TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	:	Not classified
<b>Skin corrosion/irritation</b>	:	Not classified
<b>Serious eye damage/irritation</b>	:	Not classified
<b>Respiratory or skin sensitization</b>	:	May cause an allergic skin reaction.
<b>Germ cell mutagenicity</b>	:	May cause genetic defects.
<b>Carcinogenicity</b>	:	May cause cancer.

<b>Benzo[a]pyrene (50-32-8)</b>	
IARC group	1 - Carcinogenic to humans
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen

<b>Benzo[e]acephenanthrylene (205-99-2)</b>	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen

<b>Phenanthrene (85-01-8)</b>	
IARC group	3 - Not classifiable

<b>Dibenz(a,h)anthracene (53-70-3)</b>	
IARC group	2A - Probably carcinogenic to humans
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen

<b>Benzo[a]anthracene (56-55-3)</b>	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen

<b>Fluoranthene (206-44-0)</b>	
IARC group	3 - Not classifiable

<b>Dibenzo(a,i)pyrene (189-55-9)</b>	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen

<b>Chrysene (218-01-9)</b>	
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IARC group	2B - Possibly carcinogenic to humans
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<b>Indeno(1,2,3-cd)pyrene (193-39-5)</b>	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen

<b>Pitch, coal tar, high-temp (65996-93-2)</b>	
IARC group	1 - Carcinogenic to humans

<b>naphthalene (91-20-3)</b>	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen

<b>naphthalene (91-20-3)</b>	
LD50 oral rat	> 1100 mg/kg (Rat)
LD50 dermal rat	> 2500 mg/kg (Rat)
LD50 dermal rabbit	> 20000 mg/kg (Rabbit)
ATE US (oral)	500.000 mg/kg bodyweight

<b>Phenanthrene (85-01-8)</b>	
LD50 oral rat	1800 mg/kg (Rat)
ATE US (oral)	1800.000 mg/kg bodyweight

<b>Fluoranthene (206-44-0)</b>	
LD50 oral rat	2000 mg/kg (Rat)
LD50 dermal rabbit	3180 mg/kg (Rabbit)
ATE US (oral)	2000.000 mg/kg bodyweight
ATE US (dermal)	3180.000 mg/kg bodyweight

<b>Pitch, coal tar, high-temp (65996-93-2)</b>	
LD50 oral rat	> 15000 mg/kg bodyweight (Rat; OECD 401: Acute Oral Toxicity; Experimental value)
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)

<b>Reproductive toxicity</b>	May damage fertility or the unborn child.
<b>Specific target organ toxicity (single exposure)</b>	Not classified
<b>Specific target organ toxicity (repeated exposure)</b>	Not classified
<b>Aspiration hazard</b>	Not classified
<b>Potential adverse human health effects and symptoms</b>	Based on available data, the classification criteria are not met.
<b>Symptoms/injuries after inhalation</b>	May cause respiratory irritation.
<b>Symptoms/injuries after skin contact</b>	May cause an allergic skin reaction. Skin irritation may be aggravated by exposure to sunlight/UV rays.
<b>Symptoms/injuries after eye contact</b>	Direct contact with the eyes is likely to be irritating.
<b>Symptoms/injuries after ingestion</b>	Swallowing a small quantity of this material will result in serious health hazard.

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### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity

**Ecology - General:** This product may cause adverse environmental effects if used improperly or release to the environment through a spill. Employ best management practices to prevent this material from entering storm sewer systems, waterways or otherwise impacting plant and animal species.

#### Persistence and Degradability

<b>Black Knight LV</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.

#### Bioaccumulative Potential

<b>Black Knight LV</b>	
Bioaccumulative potential	Not established.

**Mobility in Soil** No additional information available

#### Other Adverse Effects

**Other Information:** Avoid release to the environment.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose in a safe manner in accordance with local/national regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

### SECTION 14: TRANSPORT INFORMATION

#### In Accordance with DOT

**Proper Shipping Name** : UN3077 Environmentally hazardous substances, solid, n.o.s. (Coal Tar Pitch Compound containing Benzo(a)pyrene and Benzo(b)fluoranthene), 9, III

**Hazard Class** : 9 - Class 9 – Miscellaneous

**Identification Number** : UN3077

**Label Codes** :

**Packing Group** : III

**ERG Number** :



#### In Accordance with IMDG

**Proper Shipping Name** : UN3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

**Hazard Class** : 9

**Identification Number** :

**Packing Group** : III

**Label Codes** :

**EmS-No. (Fire)** :

**EmS-No. (Spillage)** :

**MFAG Number** :

#### In Accordance with IATA

**Proper Shipping Name** : UN3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

**Packing Group** : III

**Identification Number** :

**Hazard Class** :9

**Label Codes** :

**ERG Code (IATA)** :

#### In Accordance with TDG

**Proper Shipping Name** : Not regulated

**Packing Group** :

**Hazard Class** :

**Identification Number** :



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Label Codes :

### SECTION 15: REGULATORY INFORMATION

#### US Federal Regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

benzo[e]acephenanthrylene	CAS No 205-99-2	0.6141%
dibenzo(a,i)pyrene	CAS No 189-55-9	0.1626%

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

#### Benzo[a]pyrene (50-32-8)

Listed on United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) | 1 lb

#### Benzo[b]fluoranthene (205-99-2)

Listed on United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) | 1 lb

#### Naphthalene (91-20-3)

Listed on United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) | 100 lb

#### Phenathrene (85-01-8)

Listed on United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) | 5000 lb

#### dibenz(a,h)anthracene (53-70-3)

Listed on United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) | 1 lb

#### benzo[a]anthracene (56-55-3)

Listed on United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) | 10 lb

#### fluoranthene (206-44-0)

Listed on United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) | 100 lb

#### dibenzo(a,i)pyrene (189-55-9)

Listed on United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) | 10 lb

#### chrysene (218-01-9)

Listed on United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) | 100 lb

#### indeno(1,2,3-cd)pyrene (193-39-5)

Listed on United States SARA Section 313

RQ (Reportable quantity, section 304 of EPA's List of Lists) | 100 lb

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### National Regulations

#### Benzo[a]pyrene (50-32-8)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

#### Benzo[b]fluoranthene (205-99-2)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

#### Naphthalene (91-20-3)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

#### dibenz(a,h)anthracene (53-70-3)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

#### benzo[a]anthracene (56-55-3)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

#### dibenzo(a,i)pyrene (189-55-9)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

#### chrysene (218-01-9)

Listed on IARC (International Agency for Research on Cancer)

#### indeno(1,2,3-cd)pyrene (193-39-5)

Listed on IARC (International Agency for Research on Cancer) Listed as carcinogen on NTP (National Toxicology Program)

#### Pitch, coal tar, high temp. (65996-93-2)

Listed on IARC (International Agency for Research on Cancer)

### US State Regulations

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

#### Benzo[a]pyrene (50-32-8)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	0.06

#### Benzo[b]fluoranthene (205-99-2)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	0.096

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<b>Naphthalene (91-20-3)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	5.8

<b>dibenz(a,h)anthracene (53-70-3)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	0.2

<b>benzo[a]anthracene (56-55-3)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	0.033

<b>dibenzo(a,i)pyrene (189-55-9)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	0.0050

<b>chrysene (218-01-9)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	0.35

<b>indeno(1,2,3-cd)pyrene (193-39-5)</b>				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	

<b>Benzo[a]pyrene (50-32-8)</b>				
U.S. - New Jersey - Right to Know Hazardous Substance List				
U.S. - Pennsylvania - RTK (Right to Know) List				

<b>Benzo[b]fluoranthene (205-99-2)</b>				
U.S. - New Jersey - Right to Know Hazardous Substance List				
U.S. - Pennsylvania - RTK (Right to Know) List				

# Black Knight LV

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### **Naphthalene (91-20-3)**

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

### **Phenathrene (85-01-8)**

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

### **dibenz(a,h)anthracene (53-70-3)**

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

### **benzo[a]anthracene (56-55-3)**

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

### **fluoranthene (206-44-0)**

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

### **dibenzo(a,i)pyrene (189-55-9)**

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

### **chrysene (218-01-9)**

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

### **indeno(1,2,3-cd)pyrene (193-39-5)**

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

### **Pitch, coal tar, high temp. (65996-93-2)**

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

### **1,2,4-trimethylbenzene (95-63-6)**

U.S. - New Jersey - Right to Know Hazardous Substance List

### **Canadian Regulations**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

### **Black Knight LV**

WHMIS Classification

Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

# Black Knight LV

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### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 05/15/2015

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

#### **Party Responsible for the Preparation of This Document**

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*This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.*

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