


## 1 - Identification

<b>Product identifier</b>	<b>RadiJET® 7610K</b>
<b>Other means of identification</b>	Not available.
<b>Synonym(s)</b>	7610 black ink
<b>Recommended use</b>	Inkjet Printing
<b>Recommended restrictions</b>	None Known.
<b>Issue date</b>	09-Sep-2015
<b>Company identification</b>	<b>MYLAN GROUP</b> Long Duc Industrial Park Tra Vinh City, Tra Vinh Province, Vietnam Tel. 84-74-3846-997 Fax 84-74-3846-998

## 2 - Hazard(s) identification

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.
<b>OSHA hazard(s)</b>	Not classified.
<b>Label elements</b>	
<b>Signal word</b>	Warning
<b>Hazard statement</b>	H315- Causes skin irritation. H317- May cause an allergic skin reaction. H319- Causes serious eye irritation.
<b>Precautionary statement</b>	
<b>Prevention</b>	P235 - Keep cool. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>Storage</b>	Not classified.
<b>Disposal</b>	P501- Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	Not classified.
<b>Environmental hazards</b>	Not classified

### 3 - Composition/information on ingredients

Mixtures	CAS Number	%
1,6-Hexanediol diacrylate	13048-33-4	>40
Acrylic resin	Proprietary	>20
Bis(2,4,6-trimethylbenzoyl)-phenylphosphineoxide	162881-26-7	<5
Carbon black	1333-86-4	<5
Additives	Proprietary	<2

### 4. First-aid measures

<b>Inhalation</b>	Remove from contaminated area promptly. If breathing stops, administer artificial respiration and seek medical aid promptly.
<b>Skin contact</b>	Wash with plenty of water. Remove contaminated clothing and do not reuse until thoroughly laundered.
<b>Eye contact</b>	Wash eyes with plenty of water, holding eyelids open. Seek medical assistance promptly if there is irritation.
<b>Ingestion</b>	Give plenty of water to dilute product. Do not induce vomiting (NOTE below). Keep victim quiet. If vomiting occurs, lower victim's head below hips to prevent inhalation of vomited material. Seek medical help promptly.
<b>Most important symptoms/ effects, acute and delayed</b>	See section 8.

### 5. Fire-fighting measures

<b>FLASH POINT:</b>	>100° C / 212° F (closed cup)
<b>Suitable extinguishing media</b>	Suitable extinguishing media: sand, carbon dioxide (CO <sub>2</sub> ) or dry chemical.
<b>Unsuitable extinguishing media</b>	Not available.
<b>Specific hazards arising from the chemical</b>	Not applicable.
<b>Special protective equipment and precautions for firefighters</b>	Firefighters should wear full protective clothing including self-contained breathing apparatus. Avoid run off into storm sewers and ditches which lead to waterways.
<b>Fire-fighting equipment/instructions</b>	Move containers from fire area if you can do it without risk.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation
<b>Environmental precautions</b>	Do not let product enter drains.

<b>Methods and materials for containment and cleaning up</b>	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.
<b>7. Handling and storage</b>	
<b>Precautions for safe handling</b>	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For precautions see section 2
<b>Conditions for safe storage, including any incompatibilities</b>	Store in cool place. Keep container tightly closed in a dry and well-ventilated place
<b>8. Exposure controls/personal protection</b>	
<b>Control parameters</b>	Components with workplace control parameters
<b>Exposure controls</b>	
<b>Appropriate engineering controls</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
<b>Personal protective equipment</b>	
<b>Eye/face protection</b>	Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
<b>Skin protection</b>	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands
<b>Body Protection</b>	Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
<b>Control of environmental exposure</b>	Do not let product enter drains.
<b>9. Physical and chemical properties</b>	
<b>Appearance</b>	Black liquid
<b>Odor</b>	Not available.
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point;</b>	Not available.
<b>Initial boiling point and boiling range</b>	>90°C
<b>Flash point</b>	>100° C / 212° F (closed cup)
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.

<b>Flammability limit - upper (%)</b>	Not available.	
<b>Explosive limit - lower (%)</b>	Not available.	
<b>Explosive limit - upper (%)</b>	Not available.	
<b>Vapor pressure</b>	Not available.	
<b>Vapor density</b>	Not available.	
<b>Relative density</b>	Not available.	
<b>Solubility(ies)</b>	Organic solvents	
<b>Partition coefficient: n-octanol/water</b>	Not available.	
<b>Auto-ignition temperature</b>	Not available.	
<b>Decomposition temperature</b>	Not available.	
<b>Viscosity (cPs)</b>	18 - 22	
<b>10. Stability and reactivity</b>		
<b>Reactivity</b>	Strong oxidizing agents; alkali metals (eg: Na), alkaline earth metals (eg: Ca), metal hydrides,	
<b>Chemical stability</b>	Stable under recommended storage conditions.	
<b>Possibility of hazardous reactions</b>	None known.	
<b>Conditions to avoid</b>	Keep away from direct sunlight.	
<b>Incompatible materials</b>	Oxidizing agents Strong bases, Strong oxidizing agents, Peroxides, Copper, Iron oxides.	
<b>Hazardous decomposition Products</b>	Not available.	
<b>11. Toxicological information</b>		
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Not available.	
Information on toxicological effects		
<b>Acute toxicity value</b>		
<b>Components</b>	<b>Species</b>	<b>Test results</b>
<b>1,6-Hexanediol diacrylate (CAS 13048-33-4)</b>		
Inhalation		
LC50	Rat-Male and female	0,41 mg/l, 7 Hours
Oral		
LD50	Rat	5000 mg/kg

Dermal		
LD50	Rabbit	3650 mg/kg
<b>Skin corrosion/irritation</b>		
Skin	Rabbit	Irritating to skin. - 4 h
Serious eye damage/eye irritation	No data available	
Carcinogen/Tumorigenic	Not considered a tumorigenic or a carcinogen in humans or animals	
Reproductive Effect	No known effect in humans or animals	
Mutagen	No known effect on humans or animals	
Synergistic With	Not known	

## 12. Ecological information

### Aquatic Toxicity

#### Components

#### Test results

1,6-Hexanediol diacrylate  
(CAS 13048-33-4)

LC<sub>50</sub> (Fish, 96hr)

10mg/l

LC<sub>50</sub> (Crustacea, 48hr)

2,6mg/l(Daphnia magna)

EC<sub>50</sub> (Algæ, , 72hr)

1,5mg/l ("*green algae*")

EC<sub>50</sub> (Bacteria, 30min)

270 mg/l

## 13. Disposal considerations

#### Disposal instructions

Do not flush to sewer, recycle solvent if possible, but never distil to dryness; may be incinerated in approved

#### Local disposal regulations

Not available.

#### Hazardous waste code

Not regulated.

#### Waste from residues / unused products

Not available.

#### Contaminated packaging

Not available.

## 14. Transport information

#### UN number

ADR/RID: -

IMDG: -

IATA: -

#### UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

#### Transport hazard class(es)

ADR/RID: -	IMDG: -	IATA: -
Packaging group		
ADR/RID: -	IMDG: -	IATA: -
<b>Environmental hazards</b>		
ADR/RID: no	IMDG Marine pollutant: no	IATA: no
<b>Section 15 - Regulatory Information</b>		
This safety datasheet complies with the requirements of Regulation (EC) <b>No. 1907/2006</b> .		
<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	No data available	
<b>Section 16 - Other Information</b>		
<b>Issue date</b>	09-Sep-2015	
<b>Revision date</b>	-	
<b>Version #</b>	01	
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