



# KODAK Premium Razor Cartridges

## Safety Data Sheet

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Date of issue: 16/04/2020 Version: 1.1

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Razor cartridge lubricating strip  
Product name : Premium Razor Cartridges

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Consumer use, Industrial use  
Use of the substance/mixture : Razor Cartridges

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

Strand Europe Ltd  
Strand House, Galway Road  
GU46 6GE Yateley - United Kingdom  
T +44 (0) 1252 861000  
[sales@strandeurope.com](mailto:sales@strandeurope.com)

#### 1.4. Emergency telephone number

Emergency number : For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night 1-800-424-9300 / +1 703-527-3887

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Skin Corrosion/ Irritation : Category 2  
Eye Damage/ Irritation : Category 2  
Acute Toxicity-Inhalation : Category 4

#### 2.2. Label elements

##### GHS US Regulation

No Labelling applicable

##### 2.2.1 Hazard Pictogram



Signal Word :Warning

##### 2.2.2 Hazard Statements

H315 :Causes skin irritation  
H319 :Causes serious eye irritation  
H332 :Harmful if inhaled

#### 2.3. Other hazards

No additional information available

# KODAK Premium Razor Cartridges

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	GHS US Classification
Polyethylene glycol	(CAS-No.) 25322-68-3	50	Not Classified
Poly(styrene)	(CAS-No.) 9003-53-6	30~40	Flammable Liquids. 3, H226 Skin Corr. 2 H315 Eye Damage/irr.2A, H319 Acute Tox.4, H332
Stearic Acid	(CAS-No.) 57-11-4	3	Not Classified
Calcium carbonate	(CAS-No.) 471-34-1	2	Not Classified
Calcium distearate	(CAS-No.) 1592-23-0	2	Not Classified
Carboxymethyl cellulose sodium	(CAS-No.) 9004-32-4	1~5	Not Classified
Aloe vera, ext	(CAS-No.) 85507-69-3	1~5	Not Classified
Glycerol	(CAS-No.) 56-81-5	1~2	Not Classified
Vitamin E	(CAS-No.) 1406-66-2	1~2	Not Classified
Citic acid	(CAS-No.) 77-92-9	1	Not Classified
Glycerly monostearate	(CAS-No.) 31566-31-1	1	Not Classified
Titanium dioxide	(CAS-No.) 13463-67-7	0.5~0.9	Not Classified
C.I Pigment green 7	(CAS-No.) 1328-53-6	0.1~0.5	Not Classified

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: If you feel unwell, seek medical advice, show the safety Data sheet (SDS )where possible.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Gently wash with plenty of soap and water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: If swallowed, seek medical advice immediately and show this show the safety Data sheet (SDS ) where possible.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: None under normal use.
Symptoms/effects after skin contact	: Not expected to present a significant hazard under anticipated conditions of normal use.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.  
Symptoms may be delayed.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None.

# KODAK Premium Razor Cartridges

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard.  
Explosion hazard : Product is not explosive.

### 5.3. Advice for firefighters

Precautionary measures fire : No special measures required.  
Firefighting instructions : Use extinguishing agent suitable for surrounding fire.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : None under normal use.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

No additional information available

### 6.3. Methods and material for containment and cleaning up

No additional information available

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of solid materials or residues refer to section 13 : "Disposal considerations".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

No additional information available

### 7.2. Conditions for safe storage, including any incompatibilities

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 Occupational Exposure Limit values

Component	Limit value-Eight hours		Limit value- Short term	
	ppm	Mg/m3	ppm	Mg/m3
Calcium carbonate 471-34-1	-	15	-	-
Glycerol 56-81-5	-	15	-	-
Titanium dioxide 13463-67-7	-	15	-	-

#### 8.2. Exposure controls

##### Hand protection:

When exposure limits are exceeded or if irritation occurs;

Type	Material	Thickness (mm)	Permeation
Disposable gloves	Polyvinylchloride (PVC)		

##### Eye protection:

When exposure limits are exceeded or if irritation occurs;

Type	Use	Characteristics
Safety glasses with side shields		clear

# KODAK Premium Razor Cartridges

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Personal protective equipment symbol(s):



### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Green
Odour	: odourless.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: >20
Freezing point	: No data available
Boiling point	: >35
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: Not applicable
Relative density	: No data available
Solubility	: insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

#### 9.2. Other information

No additional information available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions and storage conditions.

#### 10.3. Possibility of hazardous reactions

In contact with oxidants causes severe reactions and may cause fire or explosion.

#### 10.4. Conditions to avoid

Incompatible materials, heat, flame and spark.

#### 10.5. Incompatible materials

Oxidants, alkali metals, alkaline earth metals and aluminium. Metal alkoxides, furfuryl alcohol, acetaldehyde, nitric acid, nitrate, nitrite, oxyacid salt halogen and inorganic peroxide.

#### 10.6. Hazardous decomposition products

No additional information available

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### 11.1.1 Acute toxicity

Component	Cas No:	LD50 (oral)	LD50 (dermal)	LC50 (inhalation,4h)
-----------	---------	-------------	---------------	----------------------

# KODAK Premium Razor Cartridges

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Calcium carbonate	471-34-1	6450mg/Kg(Rat)	Not classified	Not classified
Stearic Acid	57-11-4	Not classified	>5000mg/Kg(Rabbit)	Not classified
Citic acid	77-92-9	3000mg/Kg(Rat)	Not classified	Not classified
Glycerol	56-81-5	12600mg/Kg(Rat)	>10000mg/Kg(Rabbit)	Not classified
Carboxymethyl cellulose sodium	9004-32-4	27000mg/Kg(Rat)	>2000mg/Kg(Rabbit)	>5.8mg/Kg(Rat)
Calcium distearate	1592-23-0	>10000mg/Kg(Rat)	Not classified	Not classified

### 11.1. 2 Carcinogenicity

ID	Cas No:	Component	IARC	NTP
2	9003-53-6	Poly(styrene)	Category 3	Not classified
12	13463-67-7	Titanium dioxide	Category 2B	Not classified

Skin corrosion/irritation	: Causes skin irritation
Serious eye damage/irritation	: Causes serious eye irritation
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Component	Cas No:	Fish	Crustacans	Agae
Glycerol	56-81-5	LC50: 68100mg/L (96h)	Not classified	Not classified
Carboxymethyl cellulose sodium	9004-32-4	Not classified	EC50: 87.3mg/L (48h)	Not classified

### 12.2. Persistence and degradability

Component	Cas No:	Persistence (water/ soil)	Persistence (air)
Titanium dioxide	13463-67-7	High	High
Polyethylenegtycol	25322-68-3	Low	Low
Glycerly monostearate	31566-31-1	Low	Low
Stearic Acid	57-11-4	Low	Low
Citic acid	77-92-9	Low	Low
Poly(styrene)	9003-53-6	High	High

### 12.3. Bioaccumulative potential

# KODAK Premium Razor Cartridges

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Component	Cas No:	Bioaccumulative Potential	Comments
C.I. Pigment green 7	1328-53-6	Low	BCF=74
Titanium dioxide	13463-67-7	Low	BCF=74
Polyethylene glycol	25322-68-3	Low	Log Kow=-1.1996
Glycerly monostearate	31566-31-1	High	Log Kow=6.6162
Stearic Acid	57-11-4	Low	Log Kow=8.23
Citic acid	77-92-9	Low	Log Kow=-1.7
Poly(styrene)	9003-53-6	Medium	BCF=821

### 12.4. Mobility in soil

Component	Cas No:	Mobility in soil	Soil Organic Carbon- Water partitioning Coefficient (Koc)
Titanium dioxide	13463-67-7	Low	23.74
Polyethylene glycol	25322-68-3	High	1
Glycerly monostearate	31566-31-1	Low	486.6
Stearic Acid	57-11-4	Low	11670
Citic acid	77-92-9	Low	10
Poly(styrene)	9003-53-6	Low	517.8

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

No additional information available

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / AND

Not regulated for Transport of Dangerous goods

### 14.1. Transport Label

Not applicable

### 14.2. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

# KODAK Premium Razor Cartridges

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. US federal and Canadian Regulations

Listed substances

Component	Product identifier	TSCA (US Toxic Substances Control Act)	DSL (Canadian Domestic Substances List)
Polyethylene glycol	(CAS-No.) 25322-68-3	√	√
Poly(styrene)	(CAS-No.) 9003-53-6	√	√
Stearic Acid	(CAS-No.) 57-11-4	√	√
Calcium carbonate	(CAS-No.) 471-34-1	√	√
Calcium distearate	(CAS-No.) 1592-23-0	√	√
Carboxymethyl cellulose sodium	(CAS-No.) 9004-32-4	√	√
Aloe vera, ext	(CAS-No.) 85507-69-3	X	X
Glycerol	(CAS-No.) 56-81-5	√	√
Vitamin E	(CAS-No.) 1406-66-2	X	X
Citic acid	(CAS-No.) 77-92-9	√	√
Glycerly monostearate	(CAS-No.) 31566-31-1	√	√
Titanium dioxide	(CAS-No.) 13463-67-7	√	√
C.I Pigment green 7	(CAS-No.) 1328-53-6	√	√

#### 15.2. Chemical safety assessment

No additional information available

### SECTION 16: Other information

Full text of H- and EUH-statements:	
H226	Flammable liquid and Vapour
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled.

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*