

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Black Eye Endoscopic Marker**
 Other Names:
 Product Use: Black Eye is indicated for endoscopically marking lesions (such as colon cancer and polyps) in the GI tract when the endoscopist anticipates the lesion will require surgical removal within 30 days.
 Restriction of Use: Refer to Section 15.
 New Zealand Supplier: **CRK NZ Ltd**
 Address: **3 Hotunui Drive
 Mt. Wellington
 Auckland**
 Telephone: +64 9 276 3271
 Fax Number: +64 9 276 9645
Emergency Telephone: 0800 764 766 (National Poison Centre)
 Date of SDS Preparation: 27 June 2018

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval No: Surface Coatings and Colourants (subsidiary) – HSR002670

Pictograms



Irritation

Signal Word: **Warning**

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
6.4A	H319	Causes serious eye irritation.	Eye Irrit. 2A
6.5B	H317	May cause an allergic skin reaction.	Skin Sens. 1
9.2C	H423	Harmful to the soil environment.	

Prevention Code	Prevention Statement
P103	Read label before use.
P261	Avoid breathing fumes, vapours and spray.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.

P280	Wear protective clothing.
------	---------------------------

Response Code	Response Statement
P363	Wash contaminated clothing before reuse.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Benzyl Alcohol	1-10	100-51-6
Glycerol	10-20	56-81-5
Non hazardous ingredients	To balance	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention.
If on Skin	In case of contact, immediately flush skin with plenty of water. Remove/Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Get immediate medical advice/attention.
If Swallowed	Wash mouth thoroughly with plenty of water and give water to drink. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Eyes:	Causes severe eye irritation.
Skin:	May cause an allergic skin reaction.
Ingested:	Not applicable.
Inhalation:	Not applicable.

Section 5. Fire Fighting Measures

Hazard Type	Non flammable
Hazards from combustion products	None under normal conditions.
Suitable Extinguishing	Use extinguishing media appropriate for the surrounding fire.

media	
Precautions for firefighters and special protective clothing	Self contained breathing apparatus and full protective clothing must be worn in case of fire. If possible, fight fire from protected position. Containers close to fire should be removed immediately or cooled with water.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

Dispose of according to Local Regulations.

Section 7. Handling and Storage

Precautions for Handling:

- Read label before use.
- Avoid breathing fumes, vapours and spray.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid spilling, skin and eye contact. Do not use contact lenses.
- Staining of the skin will occur.
- Avoid release to the environment.
- Wear protective clothing.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store in tightly closed original container in a dry, cool and well-ventilated place.
- Store at room temperature 20-25 degrees celsius.
- The product has a shelf life of two years.
- Store the syringes in the canister provided with the syringe tips pointing upwards.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Glycerin (mist) [56-81-5]		10		

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices JUNE 2016 8TH EDITION.

Engineering Controls

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of vapours.

Personal Protection



Eyes	Eye protection is normally not required during intended product use. If the eye contact is likely to occur, the use of chemical goggles is recommended. Tightly fitting safety glasses (EN 166).
Hands and Skin	Protective gloves complying with EN 374. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Respiratory	No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.
General	DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

Section 9 Physical and Chemical Properties

Appearance	Black Liquid
Odour	Odourless
Odour Threshold	Not available
pH	Not available
Boiling Point	100°C
Melting Point	0°C
Freezing Point	Not available
Flash Point	Not available
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Density	Not available
Relative Density	Not available
Solubilities	Soluble in water
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable under normal temperature conditions and recommended use.
Conditions to Avoid	Avoid excessive heat for prolonged periods of time.
Incompatible Materials	Avoid strong oxidising agents.
Hazardous Decomposition Products	During thermal decomposition, it may be possible to generate irritating vapours and or toxic fumes of carbon oxides.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.

Inhalation	Not applicable.
Eye	Causes severe eye irritation.
Skin	May cause an allergic skin reaction.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Section 12. Ecotoxicological Information

HSNO Classes: 9.2C = Harmful to the soil environment.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	The product is soluble in water.
Other adverse effects	No data available

Do not allow to enter waterways.

Section 13. Disposal Considerations

Disposal Method:

Triple rinse and dispose of according to Local Regulations.

Precautions or methods to avoid: Do not allow to enter waterways.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Section 15 Regulatory Information

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2017

EPA Approval No: Surface Coatings and Colourants (subsidiary) – HSR002670

HSNO Classification: 6.4A, 6.5B, 9.2C

HSW Controls:

Trigger quantities for this substance:

	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L (9.2C)
Emergency Response Plan	1000L (6.5B)
Secondary Containment	1000L (6.5B)
Restriction of Use	None

Glossary

EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2017 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2012
5. HSW (Hazardous Substances) Regulations 2017

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand distributor, CRK, if further information is required.

Issue Date: 27 June 2018 Review Date: 27 June 2023