Printing date 02/08/2016

Reviewed on 02/04/2016

## 1 Identification

- · Product identifier
- · Trade name: 39143 Trim Black
- · Article number: 39143
- · Application of the substance / the mixture Coating
- · Details of the supplier of the safety data sheet
- · Manufacturer/Supplier: SEM Products Inc. 1685 Overview Drive Rock Hill, SC 29730 803 207 8225
- · Information department:

cust\_care@semproducts.com : SEM Products,Inc. 1685 Overview Dr. Rock Hill, SC 29730 : phone 1-800-831-1122, M - TH 7am - 4pm EDT

· Emergency telephone number: CHEMTREC 1-800-424-9300

## 2 Hazard identification

· Classification of the substance or mixture





GHS02 GHS04 Flame, Gas cylinder

Flammable Aerosols - Category 1 H222 Extremely flammable aerosol.



GHS04 Gas cylinder

Gases Under Pressure - Compressed Gas H280 Contains gas under pressure; may explode if heated.



## GHS08 Health hazard

Carcinogenicity – Category 2 H351 Suspected of causing cancer.

Reproductive Toxicity - Category 2 H361-H362 Suspected of damaging fertility or the

unborn child. May cause harm to breastfed children.

Specific Target Organ Toxicity - Repeated Exposure - H373 Ma Category 2 pro

May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard - Category 1 H304 May be fatal if swallowed and enters airways.



Skin Irritation - Category 2	H315	Causes skin irritation.
Eye Irritation - Category 2A	H319	Causes serious eye irritation.

Specific Target Organ Toxicity - Single Exposure - H336 May cause drowsiness or dizziness.

Category 3

(Contd. on page 2)

Trade name: 39143 Trim Black

(Contd. of page 1)

- · Label elements
- · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- · Hazard pictograms









GHS02

GHS07

GHS08 GHS04

## · Signal word Danger

#### · Hazard-determining components of labeling:

toluene acetone

butanone

#### n-butyl acetate · Hazard statements

H222 Extremely flammable aerosol.

H280 Contains gas under pressure; may explode if heated.

H315 Causes skin irritation. H319 Causes serious eye irritation. H351 Suspected of causing cancer.

H361-H362 Suspected of damaging fertility or the unborn child. May cause harm to breast-fed children.

May cause drowsiness or dizziness. H336

H373 May cause damage to organs through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.

#### · Precautionary statements

P263 Avoid contact during pregnancy and while nursing.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P251 Do not pierce or burn, even after use.

P260 Do not breathe dust/fume/gas/mist/vapours/spray. P211 Do not spray on an open flame or other ignition source.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area.

P201 Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood. P202

IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P301+P310

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P321 Specific treatment (see on this label).

IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P340

P312 Call a POISON CENTER/doctor if you feel unwell. P308+P313 IF exposed or concerned: Get medical advice/attention. P337+P313 *If eye irritation persists: Get medical advice/attention.* P314 Get medical advice/attention if you feel unwell.

P331 Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of water.

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

(Contd. on page 3)



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(Contd. of page 2)

P410+P403 Protect from sunlight. Store in a well-ventilated place.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

· Classification system:

· NFPA ratings (scale 0 - 4)



Health = 1Fire = 4Reactivity = 3

· HMIS-ratings (scale 0 - 4)



Health = \*1Fire = 4

- · Other hazards
- · Results of PBT and vPvB assessment
- · **PBT**: Not applicable.
- · vPvB: Not applicable.

## 3 Composition/Information on ingredients

- · Chemical characterization: Mixtures
- · Description:

Mixture: consisting of the following components.

Weight percentages

· Dangerous	· Dangerous components:		
67-64-1	acetone	15-40% w/w	
68476-86-8	Petroleum gases, liquefied, sweetened	10-30% w/w	
108-88-3	toluene	10-30% w/w	
	isobutyl acetate	5-10% w/w	
1330-20-7	xylene	1-5% w/w	
	butanone	1-5% w/w	
	n-butyl acetate	0.5-1.5% w/w	
1333-86-4	Carbon black	≤1% w/w	

## 4 First aid measures

- · Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing: If symptoms persist consult doctor.

(Contd. on page 4)

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(Contd. of page 3)

- · Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- · Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## 5 Firefighting measures

- · Extinguishing media
- · Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

## 6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

- · Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- · Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

· Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7 Handling and storage

- · Handling:
- · Precautions for safe handling

No special measures required.

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

· Information about protection against explosions and fires:

Do not spray on a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Keep respiratory protective device available.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

- · Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurized containers.

- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep receptacle tightly sealed.

(Contd. on page 5)

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(Contd. of page 4)

 $\cdot$  *Specific end use*(s) *No further relevant information available.* 

## 8 Exposure controls/Personal protection

- · Additional information about design of technical systems: No further data; see item 7.
- · Control parameters
- · Components with limit values that require monitoring at the workplace:

#### 67-64-1 acetone

EL Short-term value: 500 ppm Long-term value: 250 ppm EV Short-term value: 750 ppm

Long-term value: 500 ppm

#### 108-88-3 toluene

EL Long-term value: 20 ppm

EV Long-term value: 20 ppm

#### 110-19-0 isobutyl acetate

EL Long-term value: 150 ppm EV Short-term value: 187 ppm Long-term value: 150 ppm

#### 1330-20-7 xylene

EL Short-term value: 150 ppm Long-term value: 100 ppm

EV Short-term value: 650 mg/m<sup>3</sup>, 150 ppm Long-term value: 435 mg/m³, 100 ppm

## 78-93-3 butanone

EL Short-term value: 100 ppm Long-term value: 50 ppm

EV Short-term value: 885 mg/m<sup>3</sup>, 300 ppm Long-term value: 590 mg/m³, 200 ppm

### 123-86-4 n-butyl acetate

EL Long-term value: 20 ppm

EV Short-term value: 950 mg/m<sup>3</sup>, 200 ppm Long-term value: 710 mg/m³, 150 ppm

- · Additional information: The lists that were valid during the creation were used as basis.
- · Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

#### · Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

(Contd. on page 6)

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(Contd. of page 5)

#### · Protection of hands:

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

#### · Material of gloves

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.

#### · Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### · Eye protection:

Safety glasses



Tightly sealed goggles

## 9 Physical and chemical properties

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· Information on	hasic	nhvsical	and chem	ical nranortios
Injointanon on	Dusic	preysicae	ana cnem	cui properties

· General Information

· Appearance:

Form: Aerosol

Color: According to product specification

Odor: Characteristic
 Odor threshold: Not determined.
 pH-value: Not determined.

· Change in condition

Melting point/Melting range: Undetermined.

**Boiling point/Boiling range:** 55 °C

· Flash point: -103 °C

· Flammability (solid, gaseous): Not applicable.

· Ignition temperature: 405 °C

· Decomposition temperature: Not determined.

• Auto igniting: Product is not selfigniting.

• Danger of explosion: In use, may form flammable/explosive vapour-air mixture.

· Explosion limits:

 Lower:
 1.2 Vol %

 Upper:
 13.0 Vol %

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· Vapor pressure at 20 °C:	233 hPa
· Density at 20 °C:	$0.74763 \text{ g/cm}^3$
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/v	water): Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	92.0 %
VOC content:	60.7 %
	645.1 g/l / 5.38 lb/gl
Solids content:	7.9 %
· Other information	No further relevant information available.

# 10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

# 11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:

· LD/LC50	· LD/LC50 values that are relevant for classification:		
108-88-3 to	108-88-3 toluene		
Oral	LD50	5000 mg/kg (rat)	
Dermal	<i>LD50</i>	12124 mg/kg (rabbit)	
Inhalative	LC50/4 h	5320 mg/l (mouse)	

- · Primary irritant effect:
- · on the skin: Irritant to skin and mucous membranes.
- · on the eye: Irritating effect.
- · Sensitization: No sensitizing effects known.
- · Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

(Contd. on page 8)

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(Contd. of page 7)

· Carcinogenic categories

· IARC (Inter	national Agency for Research on Cancer)	
108-88-3		3
1330-20-7	xylene	3
1333-86-4	Carbon black	2B
	2-butoxyethanol	3
68855-54-9	diatomaceous earth	GROUP 1
9002-88-4	POLYETHYLENE	3
100-41-4	ethylbenzene	2 <i>B</i>

## · NTP (National Toxicology Program)

68855-54-9 diatomaceous earth

HUMAN CARCINOGEN

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

## 12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground.

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No further relevant information available.

## 13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.

#### 14 Transport information

- · UN-Number
- · DOT, TDG, IMDG, IATA UN1950

(Contd. on page 9)

Trade name: 39143 Trim Black

(Contd. of page 8) · UN proper shipping name  $\cdot$  DOT, IATA Aerosols, flammable  $\cdot TDG$ 1950 Aerosols · IMDG **AEROSOLS** · Transport hazard class(es)  $\cdot DOT$ · Class 2.1 · Label 2.1 · TDG (Transport dangerous goods): · Class 2 5F Gases · Label 2.1 · IMDG, IATA · Class 2.1 · Label 2.1 · Packing group · DOT, TDG, IMDG, IATA Void · Environmental hazards: · Marine pollutant: No · Special precautions for user Warning: Gases · EMS Number: F-D,S-USW1 Protected from sources of heat. · Stowage Code SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: · Segregation Code Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2. · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

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	(Contd. of	page 9
· Transport/Additional information:		
· DOT		
· Quantity limitations	On passenger aircraft/rail: 75 kg	
	On cargo aircraft only: 150 kg	
· TDG		
Excepted quantities (EQ)	Code: E0	
	Not permitted as Excepted Quantity	
IMDG		
Limited quantities (LQ)	1L	
Excepted quantities (EQ)	Code: E0	
	Not permitted as Excepted Quantity	
UN "Model Regulation":	UN 1950 AEROSOLS, 2.1	

# 15 Regulatory information

- · Safety, health and environmental regulations/legislation specific for the substance or mixture
- . Sara

	5 (extremely hazardous substances):	
None of the	e ingredient is listed.	
Section 31	3 (Specific toxic chemical listings):	
108-88-3	toluene	
	ACRYLIC RESIN	
1330-20-7	xylene	
78-93-3	butanone	
111-76-2	2-butoxyethanol	
	methanol	
100-41-4	ethylbenzene	
TSCA (To:	xic Substances Control Act):	
67-64	1 acetone	
68476-86-	8 Petroleum gases, liquefied, sweetened	
108-88	3 toluene	
110-19-0	0 isobutyl acetate	
1330-20-2	7 xylene	
<i>78-93-</i> .	3 butanone	
	4 n-butyl acetate	
	3 benzyl 3-isobutryloxy-1-isopropyl-2-2-dimethylpropyl phthalate	
1333-86-	4 Carbon black	
68611-44-	9 Modified Silica	
111-76-2	2 2-butoxyethanol	
<	9 diatomaceous earth	
68855-54-9		

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<i>(7.5)</i>	J	(Contd. of page
	methanol	
	ethylbenzene	
Proposition		
	nown to cause cancer:	
1330-20-7		
	Carbon black	
	diatomaceous earth	
	ethylbenzene	
	nown to cause reproductive toxicity for females:	
108-88-3 to	luene	
Chemicals I	nown to cause reproductive toxicity for males:	
None of the	ingredients is listed.	
Chemicals k	nown to cause developmental toxicity:	
108-88-3 to	luene	
67-56-1 m	ethanol	
Cancerogen	ity categories	
EPA (Envir	onmental Protection Agency)	
67-64-1	icetone	I
108-88-3	oluene	II.
1330-20-7	ylene	I
78-93-3 i	putanone	I
111-76-2	2-butoxyethanol	N
100-41-4	thylbenzene	D
TLV (Thres	hold Limit Value established by ACGIH)	
67-64-1	acetone	A
108-88-3	oluene	A
1330-20-7	ylene	A
1333-86-4	Carbon black	A
111-76-2	2-butoxyethanol	A
100-41-4	rthylbenzene	A
NIOSH-Ca	(National Institute for Occupational Safety and Health)	
1333-86-4	Carbon black	
67-56-1	nethanol	
Canadian s	ıbstance listings:	
Canadian L	omestic Substances List (DSL)	
67-64-1	acetone	
68476-86-8	Petroleum gases, liquefied, sweetened	
108-88-3	toluene	
110-19-0	isobutyl acetate	
1330-20-7	xylene	
78-93-3	butanone	
	n-butyl acetate	

Trade name: 39143 Trim Black

16883-83-3 benzyl 3-isobutryloxy-1-isop	
	ropyl-2-2-dimethylpropyl phthalate
1333-86-4 Carbon black	
68611-44-9 Modified Silica	
111-76-2 2-butoxyethanol	
68855-54-9 diatomaceous earth	
9002-88-4 POLYETHYLENE	
67-56-1 methanol	
100-41-4 ethylbenzene	
· Canadian Ingredient Disclosure list (lim	it 0.1%)
None of the ingredients is listed.	
· Canadian Ingredient Disclosure list (lim	it 1%)
67-64-1 acetone	
108-88-3 toluene	
110-19-0 isobutyl acetate	
78-93-3 butanone	
123-86-4 n-butyl acetate	

- · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- · Hazard pictograms









GHS02

GHS04

GHS07 GHS08

- · Signal word Danger
- · Hazard-determining components of labeling:

toluene

acetone

butanone

n-butyl acetate

## · Hazard statements

H222 Extremely flammable aerosol.

H280 Contains gas under pressure; may explode if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H351 Suspected of causing cancer.

H361-H362 Suspected of damaging fertility or the unborn child. May cause harm to breast-fed children.

May cause drowsiness or dizziness. H336

H373 May cause damage to organs through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.

#### · Precautionary statements

P263 Avoid contact during pregnancy and while nursing.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P251 Do not pierce or burn, even after use.

P260 Do not breathe dust/fume/gas/mist/vapours/spray. P211 Do not spray on an open flame or other ignition source.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

(Contd. on page 13)

Trade name: 39143 Trim Black

	(Contd. of page 12)
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P305+P351+P3	338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if
	present and easy to do. Continue rinsing.
P321	Specific treatment (see on this label).
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P331	Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P410+P403	Protect from sunlight. Store in a well-ventilated place.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

# 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- · Department issuing SDS: Environment protection department.
- · Contact: Steve Gaver (sgaver@semproducts.com)
- · Date of preparation / last revision 02/08/2016 / 8
- · Abbreviations and acronyms:

ICAO: International Civil Aviation Organisation

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

Flammable Aerosols - Category 1: Flammable aerosols, Hazard Category 1 Gases Under Pressure - Compressed Gas: Gases under pressure: Compressed gas Skin Irritation - Category 2: Skin corrosion/irritation, Hazard Category 2

Eye Irritation - Category 2A: Serious eye damage/eye irritation, Hazard Category 2A

Carcinogenicity - Category 2: Carcinogenicity, Hazard Category 2

(Contd. on page 14)

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(Contd. of page 13)

Reproductive Toxicity - Category 2: Reproductive toxicity, Hazard Category 2
Specific Target Organ Toxicity - Single Exposure - Category 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Specific Target Organ Toxicity - Repeated Exposure - Category 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2

Aspiration Hazard - Category 1: Aspiration hazard, Hazard Category 1

\* Data compared to the previous version altered.