

Printing date 29.10.2020 Version: 2.02 Revision: 26.07.2019

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

### 1.1 Product identifier

Trade name: SONAX PROFILINE CERAMIC COATING CC 36 - BaseCoat (1)

Article number:

02361410, B02369410

(BaseCoat (1) for SONAX PROFILINE CERAMIC COATING CC 36 [02369410])

**UFI:** F8N0-M0P1-W000-XY3G

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

Sector of Use

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC9a Coatings and paints, thinners, paint removers

Application of the substance / the mixture Car care product

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

Manufacturer/Supplier:

SONAX GmbH Münchener Straße 75 D-86633 Neuburg (Donau) Tel.: ++49 (0)8431/53-0

#### Further information obtainable from:

Product safety

E-mail: erp@sonax.de

Phone: + +49 (0) 8431 53 217

1.4 Emergency telephone number: Emergency Phone Munich Tel.: +49 (0)89 19240

## **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

### 2.2 Label elements

### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

### Hazard pictograms





GHS02

GHS07

### Signal word Danger

### Hazard-determining components of labelling:

propan-2-ol

# Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H319 Causes serious eye irritation.H336 May cause drowsiness or dizziness.

# Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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

smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P261 Avoid breathing spray.

P271 Use only outdoors or in a well-ventilated area.

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P280 Wear eye protection.

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

present and easy to do. Continue rinsing.

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

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

regulations.

## Labelling of packages where the contents do not exceed 125 ml

Marking container <125 ml deviates. Reduced labeling according article 29 and annex I, no. 1.5 CLP-regulation is used.

2.3 Other hazards

### Results of PBT and vPvB assessment

PBT:		
CAS: 541-02-6	decamethylcyclopentasiloxane	
CAS: 540-97-6	Dodecamethylcyclohexasiloxane	
vPvB:		
	decamethylcyclopentasiloxane  Dodecamethylcyclohexasiloxane	

# SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Description: Formulation consisting of pressurised gas and a dispersion of silica particles

CAS: 67-63-0	propan-2-ol	25-<50%
EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-xxxx	♠ Flam. Liq. 2, H225; ♦ Eye Irrit. 2, H319; STOT SE 3, H336	
CAS: 541-02-6 EINECS: 208-764-9 Reg.nr.: 01-2119511367-43-xxxx	decamethylcyclopentasiloxane Non-classified vPvB substance. Non-classified PBT substance.	25-<50%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx	butane ♦ Flam. Gas 1, H220; Press. Gas (Comp.), H280	5-<10%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx	propane Flam. Gas 1, H220; Press. Gas (Comp.), H280	5-<10%
CAS: 64-17-5 EINECS: 200-578-6 Reg.nr.: 01-2119457610-43-xxxx	ethanol	3-<5%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx	isobutane Flam. Gas 1, H220; Press. Gas (Comp.), H280	1-<3%
CAS: 112-53-8 EINECS: 203-982-0 Reg.nr.: 01-2119485976-15-xxxx	Lauryl alcohol  Aquatic Acute 1, H400; Aquatic Chronic 2, H411;  Eye Irrit. 2, H319	1-<3%
CAS: 540-97-6 EINECS: 208-762-8 Reg.nr.: 01-2119517435-42-xxxx	Dodecamethylcyclohexasiloxane Non-classified vPvB substance. Non-classified PBT substance.	1-<3%

# SECTION 4: First aid measures

# 4.1 Description of first aid measures

### General information:

Take affected persons out of danger area and lay down.

Remove soiled clothing

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#### After inhalation:

Supply fresh air; consult doctor in case of complaints.

In the event of irritation of the respiratory tract, dizziness, nausea or unconsciousness, call medical assistance immediately.

### After skin contact:

Generally the product does not irritate the skin.

Wash the areas of skin affected with water and a mild detergent.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

### After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

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

Eve irritation

**Drowsiness** 

Dizziness

Headache

Dizziness

Nausea

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

Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment.

# SECTION 5: Firefighting measures

## 5.1 Extinguishing media

### Suitable extinguishing agents:

Foam

Fire-extinguishing powder

Carbon dioxide

Water spray

### For safety reasons unsuitable extinguishing agents: Water with full jet

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

Can form explosive gas-air mixtures.

In case of fire, the following can be released:

Carbon monoxide and carbon dioxide

Formaldehyde

Silicon oxides

### 5.3 Advice for firefighters

# Protective equipment:

Do not inhale explosion gases or combustion gases.

Wear fully protective suit.

Do not enter the hazardous area without a self-contained breathing apparatus.

See Section 8 for information on personal protection equipment.

# Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

## SECTION 6: Accidental release measures

## 6.1 Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources.

Ensure adequate ventilation

Wear protective equipment. Keep unprotected persons away.

### 6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

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

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

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#### 6.4 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.

# SECTION 7: Handling and storage

**7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace. **Information about fire - and explosion protection:** 



Keep ignition sources away - Do not smoke.

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

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

Highly volatile, flammable constituents are released during processing.

Fumes can combine with air to form an explosive mixture.

# 7.2 Conditions for safe storage, including any incompatibilities

Storage:

# Requirements to be met by storerooms and receptacles:

Prevent any seepage into the ground.

Observe official regulations on storing packagings with pressurised containers.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Protect from heat and direct sunlight.

Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.

Store receptacle in a well ventilated area. Recommended storage temperature: 20 °C.

7.3 Specific end use(s) No further relevant information available.

# SECTION 8: Exposure controls/personal protection

Ingredients with limit values that require monitoring at the workplace:

CAS: 67-63-0 propan-2-ol			
WEL (Great Britain)	Short-term value: 1250 mg/m³, 500 ppm Long-term value: 999 mg/m³, 400 ppm		
CAS: 106-97-8 buta	CAS: 106-97-8 butane		
WEL (Great Britain)	WEL (Great Britain) Short-term value: 1810 mg/m³, 750 ppm Long-term value: 1450 mg/m³, 600 ppm Carc (if more than 0.1% of buta-1.3-diene)		
CAS: 64-17-5 ethanol			
WEL (Great Britain) Long-term value: 1920 mg/m³ 1000 nnm			

WEL (Great Britain) Long-term value: 1920 mg/m³, 1000 ppm

Regulatory information WEL (Great Britain): EH40/2018			
DNELs			
CAS: 67-63-0 propan-2-ol			
Oral	DNEL	26 mg/kg (consumer) (chornic effects (1d))	
Dermal	DNEL	319 mg/kg (consumer) (chronic effects (1d))	
		888 mg/kg (worker) (chronic effects (1d))	
Inhalative	DNEL	89 mg/m³ (consumer) (chronic effects)	
		500 mg/m³ (worker) (chronic effects)	
CAS: 64-17-5 ethanol			
Oral	DNEL	87 mg/kg (consumer) (long-term exposure - systemic effects)	
Dermal	DNEL	206 mg/kg bw/day (consumer) (long-term exposure - systemic effects)	
		·	(Contd. on page

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		343 mg/kg bw/day (worker) (lon-term exposure - systemic effects)	, , , , ,
Inhalative	DNEL	950 mg/m³ (consumer) (acute short-tem exposure - local effects)	
		1,900 mg/m³ (worker) (acute short-tem exposure - local effects)	
	DNEL	114 mg/m³ (consumer) (long-term exposure - systemic effects)	
		950 mg/m³ (worker) (long-term exposure - systemic effects)	
CAS: 112-	53-8 L	auryl alcohol	
Oral	DNEL	75 mg/kg bw/day (VK)	
		75 mg/kg bw/day (VL)	
Dermal	DNEL	125 mg/bw/day (worker short-term)	
	DNEL	75 mg/kg bw/day (VK)	
		75 mg/kg bw/day (VL)	
		125 mg/kg bw/day (worker long-term)	
Inhalative	DNEL	65 mg/m³ (VK)	
		65 mg/m³ (VL)	
		220 mg/m³ (worker short-term)	
		220 mg/m³ (worker long-term)	
PNECs		ı	
CAS: 67-6	3-0 pro	opan-2-ol	
PNEC 14	0.9 mg/	(sporadic release)	
2,2	251 mg/	(I (STP)	
140	0.9 mg/	/I (water (fresh water))	
140	0.9 mg/	/I (water (sea water))	
PNEC 28	mg/kg	(gro)	
		g (sediment)	
CAS: 64-1	7-5 eth	nanol	
PNEC 0.9	6 mg/l	(water (fresh water))	
0.7	'9 mg/l	(water (sea water))	
PNEC 3.6	mg/kg	(sediment (fresh water))	
2.9 mg/kg (sedin		(sediment (sea water))	
0.6	0.63 mg/kg (soil)		
CAS: 112-	53-8 L	auryl alcohol	
PNEC 0.0	21 mg/	/l (sewage plant)	
0.0	028 mg	g/l (freshwater (Süßwasser))	
0.0	0028 n	ng/l (water (sea water))	
PNEC 1.1	mg/kg	(sediment (fresh water))	
		/kg (soil)	
	_	g (water (sea water))	

Additional information: The lists valid during the making were used as basis.

# 8.2 Exposure controls

## Suitable technical control devices

Ensure good ventilation. This can be achieved by localised extraction or general ventilation. If this is not sufficient to keep the concentration below the occupational exposure limit, suitable breathing protection is to be worn.

### Personal protective equipment:

# General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

# Respiratory protection:

If the occupational exposure limit is exceeded:

The following breathing protection is recommended:

Respiratory filter for organic gases and vapours (Type A)

Identification colour: Brown

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[DIN EN 14387]

Protection of hands: Not required in normal cases.

Eye protection: Safety glasses [EN 166]

SECTION 9: Ph	vsical and	chemical	proper	ties
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9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Aerosol
Colour: Colourless
Odour: Alcohol-like
Odour threshold: Not determined.

pH-value: Not applicable.

Change in condition

Melting point/freezing point: Undetermined. Initial boiling point and boiling range: 78 - 265 °C

(Active ingredient data)

**Flash point:** 16 °C (DIN 51755)

(Active ingredient data)

Flammability (solid, gas):Not applicable.Decomposition temperature:Not determined.Auto-ignition temperature:Not determined.

**Explosive properties:** In use, may form flammable/explosive vapour-air mixture.

**Explosion limits:** 

Lower: 2.0 Vol.% (Main ingredient data)
1,5 Vol.% (Propellant data)
Upper: 12.0 Vol.% (Main ingredient data)

12.0 Vol.% (Main ingredient data) 10,9 Vol.% (Propellant data)

Vapour pressure: Not determined.

Density at 20 °C:

0.87 - 0.88 g/cm³
(Active ingredient data)

Relative densityNot determined.Vapour densityNot determined.Evaporation rateNot applicable.

Solubility in / Miscibility with

water: Partly miscible.

Partition coefficient: n-octanol/water: Not determined.

Viscosity:

Flow time at 20 °C 10-15 s (DIN EN ISO 2431/4mm)

(Active ingredient data)

Kinematic at 40 °C: < 20.5 mm<sup>2</sup>/s

(Active ingredient data)

VOC (EC) 0.00 %

**9.2 Other information** No further relevant information available.

# SECTION 10: Stability and reactivity

10.1 Reactivity No dangerous reactions known.

10.2 Chemical stability Stable under normal conditions.

10.3 Possibility of hazardous reactions Develops readily flammable gases/fumes.

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### 10.4 Conditions to avoid

An increase in pressure may lead to bursting.

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

Keep ignition sources away - Do not smoke.

See Section 7 for information on safe handling.

10.5 Incompatible materials:

strong oxidizing agents

strong acids

10.6 Hazardous decomposition products: Formaldehyde

# **SECTION 11: Toxicological information**

**11.1 Information on toxicological effects** There are no toxicological findings on this mixture. **Acute toxicity** Based on available data, the classification criteria are not met.

LD/LC50 v	LD/LC50 values relevant for classification:		
CAS: 67-6	CAS: 67-63-0 propan-2-ol		
Oral	LD50	5,840 mg/kg (rat)	
Dermal	LD50	13,900 mg/kg (rabbit)	
Inhalative	LC50 / 6 h	>25 mg/l (rat) (OECD 403)	
CAS: 64-1	7-5 ethano	I	
Oral	LD50	5,560 mg/kg (guinea pig)	
		3,450 mg/kg (mouse)	
		7,060 mg/kg (rat)	
		6,300 mg/kg (rabbit)	
Dermal	LD50	>2,000 mg/kg (rat)	
Inhalative	LC50/4d	20,000 mg/l (rat)	
CAS: 112-	CAS: 112-53-8 Lauryl alcohol		
Oral	LD50	>2,000 mg/kg (rat) (OECD 401)	
Dermal	LD50	>2,000 mg/kg (Morone saxatilis) (OECD-Prüfrichtlinie 402)	
		>2,000 mg/kg (rabbit)	

### Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

# Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Repe	Repeated dose toxicity		
CAS	CAS: 64-17-5 ethanol		
		3,160 mg/kg (rat)	
		1,730 mg/kg (rat)	
	CAS: 112-53-8 Lauryl alcohol		
Oral	NOAEL	2,000 mg/kg (rat) (based on body weight and day)	
		2,000 mg/kg (Ratte)	

# CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

None of the ingredients are known to have effects which are carcinogenic, mutagenic or harmful to reproduction.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

# STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure Based on available data, the classification criteria are not met.

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Aspiration hazard Based on available data, the classification criteria are not met.

Aquatic t	-	no ecotoxicological data available on this mixture.
-	63-0 propan-2	2-ol
	LC50 / 96h	9,640 mg/l (Pimephales promelas)
	LC50 / 24h	9,714 mg/l (daphnia)
	EC50	>100 mg/l (bacteria)
	EC50 / 72h	>100 mg/l (algae)
CAS: 106	6-97-8 butane	
	LC50 / 96 h	27.98 mg/l (fish)
	EC50 / 4 d	7.71 mg/l (algae)
CAS: 74-	98-6 propane	
	LC50 / 96 h	27.98 mg/l (fish)
	EC50 / 96 h	7.71 mg/l (algae)
CAS: 64-	17-5 ethanol	
	LC50 / 48h	8,140 mg/l (Leuciscus idus)
	LC50 / 24h	>100 mg/l (Daphnia magna)
	EC5 / 16h	6,500 mg/l (Pseudomonas putida)
	EC50 / 48h	9,268 mg/l (Daphnia magna)
CAS: 75-	28-5 isobutan	·
	LC50 / 96 h	27.98 mg/l (fish)
	EC50 / 4 d	7.71 mg/l (algae)
	?-53-8 Lauryl a	
Inhalative		>71 mg/L (rat)
	LC50 / 96h	>1-10 mg/l (Pimephales promelas) (OECD-Prüfrichtlinie 203)
	EC50	>0.1-1 mg/l (Grünalge Pseudokirchneriella subcapitata) (OECD-Prüfrichtlinie201
	EC50 / 48h	>0.1-1 mg/l (Daphnia magna) (OECD Prüfrichtlinie 202)
	EC50 / 72h	>0.1-1 mg/l (Scenedesmus subspicatus) (OECD Prüfrichtlinie 201)
	NOEC / 21 d	>0.01-0.1 mg/l (Daphnia magna) (OECD-Prüfrichtlinie 211; Literarurwert)
12.2 Pers	sistence and o	legradability
CAS: 67-	63-0 propan-2	?-ol
Biodegrad	diation 53 %	
CAS: 112	?-53-8 Lauryl a	alcohol
Biodegrad	diation >60 %	(OECD TG 301 B)

12.5 Results of PBT and vPvB assessment

PBT:		
CAS: 541-02-6	decamethylcyclopentasiloxane	
CAS: 540-97-6	Dodecamethylcyclohexasiloxane	
vPvB:		
CAS: 541-02-6	decamethylcyclopentasiloxane	
CAS: 540-97-6	Dodecamethylcyclohexasiloxane	
12.6 Other adverse effects No further relevant information available.		



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# **SECTION 13: Disposal considerations**

### 13.1 Waste treatment methods

Waste classified as hazardous according to Annex III to Directive 2008/98/EC.

Recommendation Must be specially treated adhering to official regulations.

European waste catalogue

Disposal / product + Disposal / contaminated packaging

15 01 10\* packaging containing residues of or contaminated by dangerous substances

## **SECTION 14: Transport information** 14.1 UN-Number ADR, IMDG, IATA UN1950 14.2 UN proper shipping name **ADR** 1950 AEROSOLS **IMDG AEROSOLS** AEROSOLS, flammable IATA 14.3 Transport hazard class(es) **ADR** 2 5F Gases. Class Label 2.1 IMDG, IATA Class 2.1 Label 2.1 14.4 Packing group ADR, IMDG, IATA Void 14.5 Environmental hazards: Marine pollutant: No 14.6 Special precautions for user Warning: Gases. 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable. Transport/Additional information: **ADR** Limited quantities (LQ) 1L Transport category 2 Tunnel restriction code D UN "Model Regulation": UN1950, AEROSOLS, 2.1

# SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture European Directives:

EC/1907/2006 (REACh) EC/1272/2008 (CLP) EC/648/2004

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### National regulations:

### Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

# SECTION 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.

### Relevant phrases

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008		
Aerosols	On basis of test data	
Specific target organ toxicity (single exposure)	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.	

### Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

NOEL = No Observed Effect Level NOEC = No Observed Effect Concentration

LC = letal Concentration

EC50 = half maximal effective concentration log POW = Octanol / water partition coefficient

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ATE: acute toxicity estimate

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage

of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IOELV = indicative occupational exposure limit values

Flam. Gas 1: Flammable gases - Category 1

Aerosol 1: Aerosols – Category 1 Press. Gas (Comp.): Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids - Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2

Version history and indication of changes: Replaces version 2.01.

\* Data compared to the previous version altered.