



## SAFETY DATA SHEET

SCIGRIP® 42

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Compilation date: 18/03/2014

Revision No: 1

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

#### 1.1. Product identifier

**Product name:** SCIGRIP® 42

**Product code:** 42

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

**Use of substance / mixture:** PC1: Adhesives, sealants.

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

**Company name:** Scigrip Adhesive Ltd  
Unit 22 Bental Business Park  
Glover Road  
Washington  
Tyne & Wear  
NE37 3JD  
England

**Tel:** +44(0)191 419 6444

**Fax:** +44(0)191 419 6445

**Email:** [techinca.support@scigrip.com](mailto:techinca.support@scigrip.com)

#### 1.4. Emergency telephone number

**Emergency tel:** +44(0)191 419 6444  
(office hours only)

### Section 2: Hazards identification

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

**Classification under CHIP:** F: R11; Xi: R36/37/38; Sens.: R43

**Classification under CLP:** Flam. Liq. 2: H225; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT SE 3: H335; Eye Irrit. 2: H319; Acute Tox. 4: H312

**Most important adverse effects:** Highly flammable. Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact.

#### 2.2. Label elements

##### Label elements under CLP:

**Hazard statements:** H225: Highly flammable liquid and vapour.  
H312: Harmful in contact with skin.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H335: May cause respiratory irritation.

[cont...]

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**Signal words:** Danger

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark



**Precautionary statements:** P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P233: Keep container tightly closed.  
P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.  
P262: Do not get in eyes, on skin, or on clothing.  
P264: Wash hands thoroughly after handling.  
P271: Use only outdoors or in a well-ventilated area.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P302+352: IF ON SKIN: Wash with plenty of soap and water.  
P304+341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## Label elements under CHIP:

**Hazard symbols:** Highly flammable.

Irritant.



**Risk phrases:** R11: Highly flammable.

R36/37/38: Irritating to eyes, respiratory system and skin.

R43: May cause sensitisation by skin contact.

**Safety phrases:** S2: Keep out of the reach of children.

S3/7: Keep container tightly closed in a cool place.

S37: Wear suitable gloves.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S46: If swallowed, seek medical advice immediately and show this container or label.

**Precautionary phrases:** Contains benzoyl peroxide, methyl methacrylate. May produce an allergic reaction.

## 2.3. Other hazards

**PBT:** This product is not identified as a PBT substance.

[cont...]

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## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

METHYL METHACRYLATE - REACH registered number(s): 01-2119452498-28-000, 01-2119452498-28-0025, 01-2119452498-28-0028

EINECS	CAS	CHIP Classification	CLP Classification	Percent
201-297-1	80-62-6	F: R11; Xi: R37/38; Sens.: R43	Flam. Liq. 2: H225; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	50-70%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

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## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

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

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

### 7.3. Specific end use(s)

**Specific end use(s):** No special requirement.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**METHYL METHACRYLATE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	203mg/m <sup>3</sup>	416mg/m <sup>3</sup>	-	-

### 8.1. DNEL/PNEC Values

[cont...]

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## Hazardous ingredients:

### METHYL METHACRYLATE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	208mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	13.67mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	73.4mg/m <sup>3</sup>	General Population	Systemic
DNEL	Dermal	8.2mg/kg bw/day	General Population	Systemic
DNEL	Inhalation	208mg/m <sup>3</sup>	Workers	Local
DNEL	Dermal	1.5mg/m <sup>2</sup>	Workers	Local
DNEL	Inhalation	104mg/m <sup>3</sup>	General Population	Local
DNEL	Dermal	1.5mg/m <sup>2</sup>	General Population	Local
PNEC	Freshwater	0.94mg/l	-	-
PNEC	Marine Water	0.94mg/l	-	-
PNEC	Intermittent Releases	0.94mg/l	-	-
PNEC	STP	10mg/l	-	-
PNEC	Sediment (Freshwater)	5.74mg/kg	-	-
PNEC	Soil	1.47mg/kg	-	-

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Colourless

**Odour:** Strong Solvent Odour

**Viscosity:** Non-viscous

**Boiling point/range°C:** Not determined

**Melting point/range°C:** Not determined

**Flammability limits %: lower:** Not determined

**upper:** Not determined

**Flash point°C:** Not determined

**Part.coeff. n-octanol/water:** Not determined

**Autoflammability°C:** Not determined

**Vapour pressure:** Not determined

**Relative density:** Not determined

**VOC g/l:** <50 mg/l mixed

### 9.2. Other information

**Other information:** No data available.

[cont...]

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## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### METHYL METHACRYLATE

DERMAL	RBT	LD50	>5000	mg/kg
INHALATION	RAT	4H LC50	29.8	mg/l
ORAL	RAT	LD50	>5000	mg/kg

**Relevant effects for mixture:**

Effect	Route	Basis
Irritation	OPT INH DRM	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

[cont...]

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## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT substance.

### 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1133

### 14.2. UN proper shipping name

**Shipping name:** ADHESIVES

### 14.3. Transport hazard class(es)

**Transport class:** 3

### 14.4. Packing group

**Packing group:** II

### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** D/E

[cont...]

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Transport category: 1

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and 3:** H225: Highly flammable liquid and vapour.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H335: May cause respiratory irritation.

R11: Highly flammable.

R36/37/38: Irritating to eyes, respiratory system and skin.

R37/38: Irritating to respiratory system and skin.

R43: May cause sensitisation by skin contact.

**Legal disclaimer:** This company shall not be held liable for any damage resulting from handling or from contact with the above product.



