

# SAFETY DATA SHEET

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

<b>1.1 Product identifier</b>	<b>IMPRO Release Agent</b>		
<b>Other means of identification</b>			
<b>SDS number</b>	122818		
<b>Part Number</b>	SSMR450CC		
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>			
<b>Use of substance/ Mixture</b>	Mould Release Spray		
<b>1.3 Detail of supplier</b>			
<b>Company Name</b>	Kusshi Industries Sdn Bhd		
<b>Address</b>	No. 50 Jalan Puteri 5/8 Bandar Puteri 47100 Puchong Selangor		
<b>Telephone</b>	603-8066 1212	<b>Fax</b>	603-8060 5768
<b>Website</b>	<a href="http://www.kusshi.com.my">www.kusshi.com.my</a>	<b>E-mail</b>	<a href="mailto:inquiryhq@kusshi.com.my">inquiryhq@kusshi.com.my</a>

## Section 2: Hazard identification

### 2.1 Classification of the substance or mixture

**Classification under CLP** Skin Irrit.2 H315, Aquatic Chronic 3 : Flam. Aerosol 1:H222:-:H229

**Most important adverse Effects** Extremely flammable aerosol. Pressurised container. May burst if heated. Causes skin irritation. Harmful to aquatic life with long lasting effects

### 2.2 Label elements

**Hazard Statements** H222: Extremely flammable aerosol  
H229: Pressurised container: May burst if heated  
H315: Causes skin irritation  
H412: Harmful to aquatic life with long lasting effects

**Hazard Pictograms** GHS02: Flame  
GHS07: Exclamation mark



**Signal words** Danger

**Precautionary statement** P210: Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking  
P211: Do not spray on an open flame or other ignition sources  
P251: Do not pierce or bum, even after use  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P302+P352: IF ON SKIN: Wash with plenty of water  
P410+412: Protect from sunlight. Do not expose to temperature exceeding 50°c

### 2.3 Other hazards

**PBT** This product is not identified as a PBT/vPvB substance

### Section 3: Composition/information on ingredients

#### 3.1 Mixtures

##### Hazardous ingredients:

**HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) – REACH registered number (s): EXEMPT**

EINECS	CAS	PBT/WEL	CLP Classification	Percent
270-704-2	68476-85-7	Substance with a Community workplace exposure limit	Flam. Gas 1: H220; Press. Gas: H280	56-70%

**HEPTANE & ISOMERS – REACH registered number(s): 01-2119475515-33-XXXX**

295-434-2	920-53-9	-	Flam Liq. 2: H225; Aquatic Chronic 2: H411; Skin Irrit. 2: H315; STOT SE 3: H336; ASP. Tox 1: H304	10-30%
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**ACETONE – REACH registered number(s): 01-2119471330-49-XXXX**

200-662-2	67-64-1	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336;-EUH066	1-10%
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### Section 4: First aid measures

#### 4.1 Description of first aid measures

<b>Skin contact</b>	Wash immediately with plenty of soap and water. Consult a doctor
<b>Eye contact</b>	Bathe the eye with running water for 15 minutes. Consult a doctor
<b>Ingestion</b>	Wash out mouth with water. Do not induce vomiting. Consult a doctor
<b>Inhalation</b>	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

<b>Skin contact</b>	There may be irritation and redness at the site of contact
<b>Eye contact</b>	There may be irritation and redness. The eye may water profusely
<b>Ingestion</b>	There may be soreness and redness of the mouth and throat. May cause dizziness
<b>Inhalation</b>	There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur
<b>Delayed/immediate effects</b>	No data available

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

<b>Immediate/special treatment</b>	No data available
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### Section 5: Fire-fighting measures

#### 5.1 Extinguishing media

<b>Extinguishing media</b>	Do not use water. Alcohol resistant foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers
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#### 5.2 Special hazards arising from the substance or mixture

<b>Exposure hazards</b>	Extremely flammable. Forms explosive air-vapour mixture. In combustion emits toxic fumes of carbon dioxide/carbon monoxide
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#### 5.3 Advice for fire-fighters

<b>Advice for fire-fighters</b>	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes
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### Section 6: Accidental release measures

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

<b>Personal precautions</b>	Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition
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#### 6.2 Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or rivers
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#### 6.3 Methods and material for containment and cleaning up

<b>Clean-up procedures</b>	Do not use equipment in clean-up procedure which may produce sparks. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method
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## 6.4 Reference to other sections

Reference to other sections Refer to section 13 of SDS

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

**Handling requirements** Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Smoke is forbidden

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

**Storage conditions** Store in a cool, well ventilated area. Keep away from sources of ignition. Keep away from direct sunlight. Ensure lighting and electrical equipment are not a source of ignition

**Storage packaging** Must only be kept in original packaging

### 7.3 Specific end use (s)

**Specific end use (s)** No data available

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

**Hazardous ingredients:**

#### HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE)

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1000ppm 1750mg/m <sup>3</sup>	1250ppm 2180mg/m <sup>3</sup>	-	-

#### HEPTANE & ISOMERS

UK	500ppm 2085mg/m <sup>3</sup>	-	-	-
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#### ACETONE

UK	1210mg/m <sup>3</sup>	3620mg/m <sup>3</sup>	-	-
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#### DNEL/PNEC Values

**Hazardous ingredients:**

#### ACETONE

Type	Exposure	Value	Population	Effect
DNEL	Dermal	186	Workers	Local
DNEL	Inhalation	2420	Workers	Local
DNEL	Oral	62	Consumers	Systemic
PNEC	Fresh water	10.6	-	-
PNEC	Marine water	1.06	-	-
PNEC	Soil (agricultural)	33.3	-	-
PNEC	-	-	-	-

### 8.2 Exposure controls

**Engineering measure** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition

**Respiratory protection** Respiratory protection not normally required

**Hand protection** Protective gloves

**Eye protection** Safety glasses with side-shields

**Skin protection** Protective clothing

**Environmental** No data available

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**State** Aerosol

**Colour** Colourless

**Odour** Characteristic odour

Evaporation rate	Fast		
Oxidising	Non-oxidising (by EC criteria)		
Solubility in water	Insoluble		
Viscosity	Non-viscous		
Boiling point/range°C	<0	Melting point/range°C	<0
Flammability limits % lower	1.8	upper	<0
Flash point °C	<-100	Autoflammability°C	<200
Relative density	0.6		

## 9.2 Other information

Other information No data available

## 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 Reaction No data available

### 10.4 Conditions to avoid

Conditions to avoid Direct sunlight. Heat. Sources of ignition

### 10.5 Incompatible materials

Material to avoid Strong oxidising agents. Strong reducing agents

### 10.6 Hazardous decomposition products

Haz. decomp. products In combustion emits toxic fumes of carbon dioxide/carbon monoxide

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

Hazardous ingredients:

#### HEPTANE & ISOMERS

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	HMN	4H LC50	>20	mg/l

#### ACETONE

IVN	RAT	LD50	5500	mg/kg
ORL	MUS	LD50	3	gm/kg
ORL	RAT	LD50	5800	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated

### 11.2 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 eye may water profusely
Ingestion	There may be soreness and redness of the mouth and throat. May cause dizziness
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur
Delayed/immediate effects	No data available

## Section 12: Ecological Information

### 12.1 Toxicity

Hazardous ingredients:

#### HEPTANE & ISOMERS

ALGAE	96H ErC50	>10-<100	mg/l
DAPHNIA	96H ErC50	>1-<10	mg/l
Daphnia magna	96H ErC50	>10-<10	-
FISH	96H LC50	>1-<10	mg/l

#### ACETONE

BLUEGILL ( <i>Lepomis macrochirus</i> )	LC50	8300	mg/l
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### 12.2 Persistence and degradability

Persistence and degradability Only slightly biodegradable

### 12.3 Bioaccumulative potential

Bioaccumulative potential No bioaccumulative potential

### 12.4 Mobility in soil

Mobility Highly volatile

### 12.5 Result of PBT and PvB assessment

PBT identification This product is not identified as a PBT/PvB substance

### 12.6 Other adverse effects

Other adverse effects No data available

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

Disposal operations Transfer to a suitable container and arrange for collection by specialised disposal company  
Recovery operations No data available  
Waste code number 16 05 05  
Disposal of packaging Dispose of in a regulated landfill site or other method for hazardous or toxic wastes  
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 UN1950

### 14.2 UN proper shipping name

Shipping name AEROSOLS, FLAMMABLE

### 14.3 Transport hazard class (es)

Transport class 2.1

### 14.4 Packing group

Packing group n/a

### 14.5 Environmental hazards

Environmentally hazardous No Marine pollutant No

### 14.6 Special precautions for user

Special precautions No data available

### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk No data available

## **Section 15: Regulatory information**

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

**Specific regulation** No data available

### **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**

### **16.1 Other information**

**Other information** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830  
Safety data sheet prepared in accordance with Commission Directive 2008/47/EC of 8 April 2008 amending, for the purpose of adapting to technical progress, Council Directive 75/324/EEC relating to aerosol dispensers  
Complied in accordance with REACH

**Phrases used in s.2 And s.3** EUH066: Repeated exposure may cause skin dryness or cracking  
H220: Extremely flammable gas  
H222: Extremely flammable aerosol  
H225: Highly flammable liquid and vapour  
H229: Pressurised container: May burst if heated  
H280: Container gas under pressure; may explode if heated  
H304: May be fatal if swallowed and enters airway  
H315: Causes skin irritation  
H319: Causes serious eye irritation  
H336: May cause drowsiness or dizziness  
H411: Toxic to aquatic life with long lasting effects  
H412: Harmful to aquatic life with long lasting effects

**Legal disclaimer** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product