

## **MATERIAL SAFETY DATA SHEET**

### **MOULD RELEASE--SRC**

#### **STATEMENT OF HAZARDOUS NATURE**

Hazardous according to criteria of NOHSC

R10 Flammable  
R 20/21 Harmful by inhalation & contact by skin  
R 53 May cause long term adverse effects in the aquatic environment  
R65 Harmful May cause lung damage if swallowed.

S2 Keep out of reach of children  
S23 Do not breathe vapour  
S24/25 Avoid contact with skin & eyes.

#### **COMPANY DETAILS**

Company: K & H Surface Technologies Pty Ltd.  
ACN: 004 510 918  
Address: 105 South Gippsland Highway, Dandenong, Victoria, and Australia 3195.  
Telephone: (03) 9792 5927. Fax: (03) 9794 5633.  
Emergency Telephone Number: Business hours (03) 9792 5927. After hours (03) 5974 2727 (not 24 hrs).  
Ask for the Technical Manager.

#### **IDENTIFICATION**

PRODUCT NAME: **K&H MOULD RELEASE -SRC**  
OTHER NAMES: Not available  
MANUFACTURER'S PRODUCT CODE: SRC7214, SRC72120, SRC7224, SRC72220, SRC 7254, SRC72520  
UN NUMBER: 1993  
HAZCHEM CODE: 3[Y]B  
DANGEROUS GOODS CLASS/SUBSIDIARY: Class 3  
RISK:  
PACKAGING GROUP: II  
POISON SCHEDULE NUMBER: 5

USE: Release agent

#### **PHYSICAL DESCRIPTION/PROPERTIES**

APPEARANCE: Clear liquid with strong solvent smell  
VAPOUR PRESSURE (Pa or mmHg @ 20°C): Not available  
SPECIFIC GRAVITY: 0.870 appr.  
FLASH POINT (° C): 27 (xylene)  
FLAMMABILITY LIMITS (%): 0.8 -(LFL) - 6.0 (UFL)  
SOLUBILITY IN WATER (g/L): Not soluble.

**OTHER PROPERTIES:** None available

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#### INGREDIENTS

<u>CHEMICAL ENTITY</u>	<u>CAS No.</u>	<u>PROPORTIONS</u>
Xylene	1330-20-7	30-60 %
Aromatic Hydrocarbon	64742-95-6	10-<30 %

#### HEALTH HAZARD INFORMATION

##### HEALTH EFFECTS

###### ACUTE

###### SWALLOWED

Toxic if swallowed. May cause respiratory irritation, dizziness, nausea and loss of consciousness. May cause lung damage.

###### EYE

May cause irritation.

###### SKIN

Harmful. May cause irritation.

###### INHALED

Harmful. Causes disorders of the central nervous system and can cause headaches, dizziness, respiratory difficulty and possible nausea or unconsciousness.

###### CHRONIC

Prolonged skin contact may lead to dermatitis. Will have defatting action on the skin..

##### FIRST AID:

###### SWALLOWED

If swallowed, give a glass of water. Do NOT induce vomiting. Lean victim forward to reduce the risk of aspiration. Never give drink to unconscious person. Seek medical advice. For further advice call Poisons Information Centre.

###### EYE

Hold eyes open & flood with water for at least 15 minutes. Seek immediate medical advice.

###### SKIN

Remove contaminated clothing and wash area with soap and water. Seek medical aid if irritation occurs.

###### INHALED

Remove person to fresh air. Lay patient down and keep warm. If breathing is shallow, apply oxygen and seek medical aid.

###### FIRST AID FACILITIES

Where bodily contact may occur, an eye wash station & safety shower or supply of clean water should be readily available.

###### ADVICE TO DOCTOR

Treat symptomatically.

#### PRECAUTIONS FOR USE

##### EXPOSURE STANDARDS

Xylene

None assigned for the mixture. Refer to individual constituents.

Aromatic hydrocarbon

TWA: 80 ppm 350 mg/m<sup>3</sup> STEL: 150ppm 655 mg/m<sup>3</sup>

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TWA is the time weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

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STEL (Short Term Exposure Limit) – the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight hour workday.

According to the current knowledge this concentration should neither impair the health nor cause undue discomfort to, nearly all workers.

#### **ENGINEERING CONTROLS**

Use in well ventilated area. Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Take precautionary measures against static discharges. Product can accumulate static discharges, which can cause an incendiary electrical discharge. Refer to AS 1940 – The storage and handling of flammable and combustible liquids and AS 2430 – Explosive gas atmospheres for further information concerning ventilation requirements.

#### **PERSONAL PROTECTION**

##### **RESPIRATOR TYPE (AS 1716):**

Wear an organic vapour respirator type A1 (conforming to AS1716) if there is a risk of exceeding exposure standards. **WARNING** Air-Purifying Respirators do not protect workers in Oxygen- Deficient atmospheres. In these cases a positive Air-Supplied Respirator should be used.

##### **GLOVE TYPE:**

Wear PVC or Nitrile gloves.

##### **EYE PROTECTION:**

Wear chemical goggles or face shield if there is a risk of splashing or eye contact.

##### **CLOTHING:**

Overalls and safety boots are recommended.

#### **FLAMMABILITY**

##### **FIRE HAZARDS:**

Highly flammable. Fire hazard when exposed to heat or flame.

##### **SOURCES OF IGNITION ADVICE:**

Avoid all sources of ignition.

##### **HAZCHEM CODE:**

3 [Y]E

### **SAFE HANDLING INFORMATION**

##### **STORAGE AND TRANSPORT:**

Store in a cool dry area away from direct sunlight, heat, sparks and open flames. Take precautionary measures against static discharges. Keep containers securely sealed. Store away from food items and incompatible materials. Classified as Dangerous goods Class 3, must be stored and transported in accordance with appropriate state, federal and territory regulations.

##### **SPILLS AND DISPOSAL:**

Wear personal protective clothing as recommended above. Remove all ignition sources and ventilate area. Contain the spill with sand, earth or inert material. Place in a suitable inert container for waste disposal. Dispose of in accordance with relevant local regulations. Product is considered as marine pollutant. Do not empty in drains.

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HAZARDS OF USE & STORAGE	Highly flammable. Explosion hazard when exposed to heat or flame.
LIST OF DANGEROUS COMPOSITION OR COMBUSTION PRODUCTS	On burning will emit toxic fumes.
FIRE FIGHTING RECOMMENDATION	Fire-fighters and others exposed to the products of combustion should wear self-contained breathing apparatus. Prevent spillage from entering drains and watercourses. Cool fire exposed containers with water spray. If safe to do so, remove containers from path of fire.
TYPES OF EXTINGUISHER / FIRE FIGHTING AGENTS:	Use foam, dry chemical and carbon dioxide extinguishers. Water spray or fog to be used for large fires only.
PRECAUTION: REACTIVITY:	None available.

### **OTHER INFORMATION**

Environmental hazards – Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment. The product is a marine pollutant.

### **CONTACT POINT**

Title:	Technical Manager
Telephone Number:	(03) 9792 5927 (Business hours 8-30 am-5.00pm Mon- Fri)
Emergency Telephone:	After hours (03) 59742727 (not 24 hrs)

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K&H pursues a policy of ongoing research & development aimed at product improvement and therefore may change the formulation, specification & characteristics of the product without notice. It is user's responsibility to verify the current formulation, specification & characteristics of the product and to ascertain that it is suitable for an intended use or application. All information contained in this Material Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet. Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. K&H Surface Technologies Pty Ltd accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.