



Safety Data Sheet

Safety Data Sheet according to (EC) No 1907/2006

Revision Date: 27.04.2017

ROKU® AC Fire Protection Putty 11731-031

Section 1: Identification of the product and the company's undertaking

Product Identifier

ROKU®AC Fire Protection Putty

Relevant Uses of the Product

The product is an acrylic sealant for structural fire protection.

Details of the supplier of the Safety Data Sheet

Company name:	C H Materials Ltd
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Section 2: Hazards

Classification of the Product

This product is not classified as hazardous according to Regulation (EC) No 1272/2008.

Labelling

This product does not require a hazard warning label in accordance with EC directives.

Other hazards

No data available

Section 3: Composition and information on ingredients

Chemical characterisation

The product is a pasty material which contains ammonia solution, surface active agents, and chemical preservatives.

Section 4: First Aid Measures

Description of first aid measures

There are no hazards which require special first aid measures.

No exposure by inhalation is expected under normal use. Wear suitable respiratory equipment.

After contact with skin, wash off immediately with soap and plenty of water. Remove soiled clothing and wash before reuse. Consult a doctor if skin irritation persists.

After contact with eyes, remove contact lenses, rinse eyes and under the eyelids thoroughly with water and consult a doctor immediately.

After ingestion, rinse out the mouth and drink plenty of water. Do not induce vomiting. If swallowed, seek medical advice.

Symptoms and effects

Also, see Section 11.

Immediate medical attention and special treatment required

No data available

Section 5: Firefighting Measures

Extinguishing

Use foam, carbon dioxide (CO₂), dry chemical or water spray to extinguish.

The formation of toxic gases is possible during heating or in the case of fire. Eg Ammonia, aldehydes, alcohols, organic acids, carbon monoxide, carbon dioxide and nitrogen oxides.

Firefighters are advised to wear breathing apparatus.

In case of fire and/or explosion do not breathe fumes.

Firefighters should cool endangered containers with water spray.

Section 6: Accident Precautions

Ensure there is adequate ventilation especially in confined areas.

Wear protective gloves, goggles and clothing when using the product.

If spilled clean up immediately as there is a risk of slipping if stepped on.

Dispose of this product in closed containers. Do not discharge into drains, surface water or ground water.

When cleaning up, dispose the product into a suitable container and rinse any residues with water.

See Section 8 for information on personal protective equipment.

Section 7: Handling and Storage

Safe handling

Ensure there is adequate ventilation especially in confined areas. Avoid dust formation.

There are no specific fire preventions necessary but note the general rules of internal fire prevention.

Take the usual precautions when handling chemicals. Wash hands before breaks and at the end of the working day. Keep away from food, drink, and animal feed. Remove and wash contaminated clothes before re-use.

Safe storage

Protect against physical damage of the product.

Protect against frost, heat, and direct sunlight. Keep tightly closed in a cool and dry place.

Prevent penetration into the ground.

End Use

The product is a Silicone Sealant for structural fire protection.

Section 8: Exposure controls and personal protection

Exposure

Technical and organisational measures must be applied.

Ensure there is adequate ventilation especially in confined areas. Avoid dust formation.

Personal protection

Take the usual precautions when handling chemicals. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes, and clothing. Remove and wash contaminated clothes before re-use.

Eye and face protection

Tightly fitting goggles (EN166)

Eye wash bottle with pure water (EN15154)

Hand protection

Protective gloves (EN374)

Safety gloves (EN420 cat 1 or 2)

Suitable material for extended and direct contact (EN374) (protection index 6, corresponding to a permeation rate >480 minutes) Nitrile rubber or nitrile latex – NBR (0.35mm)

Requirements can vary as a function of use; therefore, it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection

Wear closed and long working clothes

Respiratory protection

Breathing protection is not necessary in the case of correct usage under normal conditions.

Section 9: Physical and chemical properties

Basic physical and chemical properties

Physical state:	pasty material
Colour:	According to product specification
Odour:	Weak, Characteristic

Changes to the physical state

Initial boiling point and boiling rate:	Not determined
Flash Point:	Not applicable
Lower explosion limits:	Not determined
Upper explosion limits:	Not determined
Density (at 20°C):	1.6 g/cm ³
Water solubility (at 20°C)	Miscible
Solubility in other solvents:	Not determined
Ignition temperature:	Not applicable
Explosive properties:	The product is not explosive
Decomposition temperature:	Not determined
Viscosity / dynamic (at 20°C)	Not determined
Viscosity / kinematic	Not determined
Oxidising properties:	The product is not self-igniting

Section 10: Stability and reactivity

There are no hazardous reactions known.

The product is stable under normal conditions.

There are no decomposition hazards if stored and applied as directed. Protect against frost, heat, and direct sunlight.

The formation of toxic gases is possible during heating or in the case of fire. Eg Ammonia, aldehydes, alcohols, organic acids, carbon monoxide, carbon dioxide and nitrogen oxides.

Section 11: Toxicology

Toxicokinetic, metabolism and distribution

No toxicological data available

Acute toxicity

Based on available data, the classification criteria were not met.

Irritation and corrosivity

Based on available data, the classification criteria were not met.

Repeated or prolonged exposure may cause irritation to the skin and eyes.

Sensitising effects

Based on available data, the classification criteria were not met.

STOT – single exposure

Based on available data, the classification criteria were not met.

Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria were not met.

Carcinogenic, mutagenic, and toxic effects for reproduction

Based on available data, the classification criteria were not met.

Aspiration hazard

Based on available data, the classification criteria were not met.

Other observations

After curing, the material is odourless and indifferent

Further information

If handled appropriately and in accordance with the general hygienic rules, no damage to health have become known.

Section 12: Ecology

Toxicity

No data available.

Biodegradability

The product is not biodegradable.

Bio accumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

Not applicable

Section 13: Disposal considerations

Disposal

Dispose of this product in accordance with local regulations.

After curing the material can be disposed of with household rubbish or commercial waste. Unused material (liquid and pasty) must be disposed of as hazardous waste.

161106 WASTES NOT ELSEWHERE SPECIFIED IN THE LIST; Used linings and fireproof materials; Linings and refractory materials from non-metallurgical processes except those falling under 16 11 05.

150102 WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED: packaging (including separately collected municipal packaging waste); plastic packaging.

Empty containers should be taken for local recycling, recovery, or waste disposal.

Section 14: Transport

Land transport (ADR/RID); Marine transport (IMDG); Air transport (IATA)(ICAO); Inland waterways transport (ADN)

UN number

Not applicable. No hazardous material as defined by the transport regulations.

UN proper shipping name

Not applicable. No hazardous material as defined by the transport regulations.

Transport hazard class(es)

Not applicable. No hazardous material as defined by the transport regulations.

Packing group

Not applicable. No hazardous material as defined by the transport regulations.

Environmental hazards

Not applicable. No hazardous material as defined by the transport regulations.

Special precautions for user

Not applicable. No hazardous material as defined by the transport regulations.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Not applicable. No hazardous material as defined by the transport regulations.

Section 15: Regulatory information

EU regulatory information

This product is labelled in accordance with Regulation (EC) No 1272/2008 GHS

This product is not classified as dangerous in accordance to Regulation (EC) No 1272/2008. (GHS)

Water contaminating class (D): 1- slightly hazardous to water.

Chemical safety assessments for substances in this product were not carried out.

Section 16: Other information

Abbreviations and acronyms

ADR	Accord europeen relative au transport international des marchandises Dangereuses par Route
RID	Reglement concernant le transport international ferroviaire de marchandises dangereuses
ADN	Accord europeen relative au transport international des marchandises dangereuses par voie de navigation interieure
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
ICAO	International Civil Aviation Organisation
MARPOL	International Convention for the Prevention of Pollution from Ships
GHS	Globally harmonised system of classification and labelling of chemicals
EN	European Norm
PBT	Persistent Bio-accumulative and Toxic
vPvB	Very Persistent and Very Bio- accumulative

Further information

Content of sections 4 to 8 and 10 to 12 do not relate to the application of the product but to the avoidance of accidents and irregularities.

The information is for the safety requirements of the product(s) and is based on the present level of our knowledge.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.