

SAFETY DATA SHEET



Rapid Set Tile Adhesive C1F

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830
AS AMENDED BY UK REACH REGULATIONS SI 2019/758

Date of issue: 03/08/2023
Version: 1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name Rapid Set Tile Adhesive C1F
Product type Mixture

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

Identified Use(s) Cement based tile adhesive
Uses advised against Anything other than the above.

1.3 Details of the supplier of the safety data sheet

Company Identification Tarmac,
Ground Floor,
T3 Trinity Park,
Bickenhill Lane,
Birmingham
B37 7ES
United Kingdom
Telephone +44 (0)345 812 6232
Fax Not available
E-mail (competent person) Info-cement@tamrac.com

1.4 Emergency telephone number

National Poisons Information Service (United Kingdom) +44 (0) 3448 920111 24 hr. emergency phone number
Healthcare Professionals ONLY
NHS 24 111 Members of Public
Language(s) spoken: English

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

2.1.1 The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain
Skin Irrit. 2; H315
Skin Sens. 1B; H317
Eye Dam. 1; H318

2.2 Label elements

According to the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain

Product name Rapid Set Tile Adhesive C1F
Contains: Cement, portland, chemicals

Hazard Pictogram(s)



Signal Word(s) DANGER

Hazard Statement(s)
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.

Precautionary Statement(s) P264: Wash hands and exposed skin thoroughly after handling.

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P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor.
P362+P364: Take off contaminated clothing and wash it before reuse.

Supplemental information

None known

2.3 Other hazards

None known

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
Not applicable

3.2 Mixtures

Classification: The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain

Chemical identity of the substance	%W/W	CAS No.	EC No.	UK-REACH Registration No.	Hazard classification
Cement, portland, chemicals	15 - < 20	65997-15-1	266-043-4	Not yet assigned in the supply chain	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Dam. 1; H318 STOT SE 3; H335

For full text of H phrases see section 16.

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures
Self-protection of the first aider

No action should be taken involving personal risk. Use personal protective equipment as required. Ensure adequate ventilation. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash it before reuse.

Inhalation

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If irritation develops and persists, get medical attention.

Skin contact

IF ON SKIN: Wash with plenty of soap and water. Remove contaminated clothing immediately. If irritation (redness, rash, blistering) develops, get medical attention.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Flush eyes with water for at least 15 minutes. If possible, use isotonic water (0.9% NaCl). Obtain prompt consultation, preferably from an ophthalmologist.

Ingestion

IF SWALLOWED: Wash out mouth with water. Give plenty of water to drink. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. If irritation develops and persists, get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation. May cause burns. May cause an allergic skin reaction. Causes serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

IF IN EYES: Obtain prompt consultation, preferably from an ophthalmologist.

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SECTION 5: FIREFIGHTING MEASURES

- 5.1 Extinguishing media**
Suitable extinguishing media
Unsuitable extinguishing media
- 5.2 Special hazards arising from the substance or mixture**
- 5.3 Advice for firefighters**
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions.
Do not use water jet. Direct water jet may spread the fire.
None known
- Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Do not breathe fumes. Avoid all contact. Keep containers cool by spraying with water if exposed to fire. Do not allow run-off from fire fighting to enter drains or water courses. Dispose of contaminated extinction water according to official regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
- 6.2 Environmental precautions**
- 6.3 Methods and material for containment and cleaning up**
- 6.4 Reference to other sections**
- Evacuate the area and keep personnel upwind. Ensure operatives are trained to minimise exposures. Eliminate sources of ignition. Ensure adequate ventilation. Avoid dust formation. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash hands and exposed skin thoroughly after handling. Wear suitable protective clothing. Take off contaminated clothing and wash it before reuse.
- Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.
- Wet clean or vacuum up solids. Use vacuum cleaner to collect spilt material. A vacuum equipped with HEPA (high efficiency particulate air) filtration is recommended. Collect in closed and suitable containers for disposal. Contain and dispose of waste according to local regulations. Ventilate the area and wash spill site after material pick-up is complete.
- See Section: 8, 13.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
- 7.2 Conditions for safe storage, including any incompatibilities**
Storage temperature
Incompatible materials
- 7.3 Specific end use(s)**
- Ensure operatives are trained to minimise exposures. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Avoid dust formation. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash hands and exposed skin thoroughly after handling. Wear suitable protective clothing. Take off contaminated clothing and wash it before reuse.
- Keep away from heat and moisture. Keep container tightly closed in a cool, well-ventilated place.
- Store in a cool/low-temperature, well-ventilated (dry) place. Keep away from heat and sources of ignition.
- Keep away from: Acids, Ammonium compounds, Aluminium.
- See Section: 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
8.1.1 Occupational exposure limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Portland cement inhalable dust respirable dust	65997-15-1	- -	10 4	- -	- -	-

Source: WEL: Workplace Exposure Limit (UK HSE EH40).

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8.1.2	Biological limit value	Not established
8.1.3	PNECs and DNELs	Exposure scenarios for substances in this preparation are not available.
8.2	Exposure controls	
8.2.1	Appropriate engineering controls	Ensure adequate ventilation. Keep container tightly closed and dry. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.
8.2.2	Individual protection measures, such as personal protective equipment	Use personal protective equipment as required. Keep good industrial hygiene. Do not eat, drink or smoke at the work place. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash hands and exposed skin thoroughly after handling. Wear suitable protective clothing. Take off contaminated clothing and wash it before reuse. A washing facility/water for eye and skin cleaning purposes should be present.
	Eye/ face protection 	Use eye protection according to EN 166, designed to protect against dusts. Ensure use of tightly-fitting safety goggles or full face shield.
	Skin protection 	Hand protection: Wear impervious gloves (EN374). Gloves should be changed regularly to avoid permeation problems. Recommended: Nitrile rubber (Breakthrough time: 480 minutes, Minimum thickness of the glove material: 0.5 mm). Body protection: Body protection must be chosen depending on activity and possible exposure e.g. head protection, apron, protective boots. Wear impervious protective clothing, including boots, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
	Respiratory protection 	In case of inadequate ventilation wear respiratory protection. Wear a full face respirator conforming to EN140 with Type A/P2 filter or better.
	Thermal hazards	Not applicable
8.2.3	Environmental exposure controls	Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties	
	Appearance	Grey Powder
	Odour	Not established
	Odour threshold	Not established
	pH	Not established
	Melting point/freezing point	Not established
	Initial boiling point and boiling range	Not established
	Flash point	Not applicable
	Evaporation rate	Not applicable
	Flammability (solid, gas)	Non-flammable
	Upper/lower flammability or explosive limits	Not established
	Vapour pressure	Not applicable
	Vapour density	Not applicable

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Relative density	Not established
Solubility(ies)	Not established
Partition coefficient: n-octanol/water	Not established
Auto-ignition temperature	Not established
Decomposition temperature	Not established
Viscosity	Not applicable
Explosive properties	Not explosive
Oxidising properties	Not oxidising

9.2 Other information None known

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions
10.2 Chemical stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	Hazardous reactions will not occur under normal conditions of storage and use.
10.4 Conditions to avoid	Keep away from heat and moisture.
10.5 Incompatible materials	Keep away from: Acids, Ammonium compounds, Aluminium.
10.6 Hazardous decomposition products	None known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute toxicity - Ingestion	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw
Acute toxicity - Inhalation	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LC50 >5 mg/l (Dust)
Acute toxicity - Skin contact	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw
Skin corrosion/irritation	Mixture: Skin Irrit. 2; H315: Causes skin irritation.
Cement, portland, chemicals	Skin Irrit. 2; H315: Causes skin irritation.
Serious eye damage/irritation	No data available.
Cement, portland, chemicals	Mixture: Eye Dam. 1; H318: Causes serious eye damage. Eye Dam. 1; H318: Causes serious eye damage.
Respiratory or skin sensitisation	No data available.
Cement, portland, chemicals	Mixture: Skin Sens. 1B; H317: May cause an allergic skin reaction. Skin Sens. 1B; H317: May cause an allergic skin reaction.
Germ cell mutagenicity	No data available.
Carcinogenicity	Mixture: Based upon the available data, the classification criteria are not met.
Reproductive toxicity	Mixture: Based upon the available data, the classification criteria are not met.
STOT - single exposure	Mixture: Based upon the available data, the classification criteria are not met.
STOT - repeated exposure	Mixture: Based upon the available data, the classification criteria are not met.
Aspiration hazard	Mixture: Based upon the available data, the classification criteria are not met.
11.2 Other information	None known

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Mixture: Based upon the available data, the classification criteria are not met.
12.2 Persistence and degradability	No data for the mixture as a whole.
Cement, portland, chemicals	No data available.
12.3 Bioaccumulative potential	No data for the mixture as a whole.
Cement, portland, chemicals	No data available.
12.4 Mobility in soil	No data for the mixture as a whole.
Cement, portland, chemicals	No data available.
12.5 Results of PBT and vPvB assessment	Not classified as PBT or vPvB. None of the substances in this product fulfil the criteria for being regarded as a PBT or vPvB substance.

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12.6 Other adverse effects None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Dispose of this material and its container as hazardous waste. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Disposal should be in accordance with local, state or national legislation.

Waste classification according to Directive 2008/98/EC (Waste Framework Directive) HP4: Irritant — skin irritation and eye damage
HP13: Sensitising

SECTION 14: TRANSPORT INFORMATION

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

	ADR/RID	IMDG	IATA/ICAO
14.1 UN number	Not assigned	Not assigned	Not assigned
14.2 UN proper shipping name	Not assigned	Not assigned	Not assigned
14.3 Transport hazard class(es)	Not assigned	Not assigned	Not assigned
14.4 Packing group	Not assigned	Not assigned	Not assigned
14.5 Environmental hazards	Not classified	Not classified as a Marine Pollutant.	Not classified
14.6 Special precautions for user	See Section: 2		
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	No information available.	No information available.	No information available.

SECTION 15: REGULATORY INFORMATION

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

15.1.1 EU regulations

Authorisations and/or restrictions on use
Annex III Inventory (REACH)

BPR - Union List
To follow:

15.1.2 National regulations

United Kingdom

Authorisations and/or restrictions on use
GB BPR - List of Active Substances
GB CLP - Mandatory classification and labelling list
PIC (Prior Informed Consent) Regulation
Poisons Act
UK REACH – Grandfathered registration notified substances list

Germany

15.2 Chemical Safety Assessment

Not restricted
Quartz (SiO₂) (crystalline silica): Listed (Suspected carcinogen; Suspected mutagen).
Citric acid: PT02
Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work.

Not restricted
Citric acid: Listed
Citric acid: Listed
No components of the mixture are listed
No components of the mixture are listed
Ashes (residues): Listed
Citric acid: Listed

Water hazard class: 1 (Self classification)
A chemical safety assessment is not required under REACH.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Not applicable - V1.0

References:

Existing Safety Data Sheet (SDS)
EU classification and labelling inventory Cement, portland, chemicals (CAS No. 65997-15-1)

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Compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Classification of the substance or mixture. The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain	Classification procedure
Skin Irrit. 2; H315	Threshold Calculation
Skin Sens. 1B; H317	Threshold Calculation
Eye Dam. 1; H318	Threshold Calculation

Legend

ADR	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL	Derived no effect level
EC	European Community
EU	European Union
IATA	IATA: International Air Transport Association
ICAO	ICAO: International Civil Aviation Organization
IMDG	IMDG: International Maritime Dangerous Goods
LC50	Lethal Concentration at which 50% of the population is killed
LD50	Lethal Dose at which 50% of the population is killed
LTEL	Long term exposure limit
PBT	PBT: Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	RID: Regulations concerning the international railway transport of dangerous goods
STEL	Short term exposure limit
vPvB	vPvB: very Persistent and very Bioaccumulative

Hazard classification / Classification code:

Skin Irrit. 2; Skin corrosion/irritation, Category 2
Skin Sens. 1B; Skin Sensitisation, Category 1B
Eye Dam. 1; Eye Damage, Category 1
STOT SE 3; Specific Target Organ Toxicity — Single Exposure, Category 3

Hazard Statement(s)

H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

Not applicable