SAFETY DATA SHEET

TIBMIX - ALL COLOURS

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name TIBMIX - ALL COLOURS

Internal identification TIBMIX/4

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

Identified uses Cementitious flooring product.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier

Don Construction Products Ltd.,
Churnetside Business Park,
Station Road,
Cheddleton,
Staffordshire ST13 7RS

Tel: 01538 361799 Mon-Fri 08:30 - 17:00 (excl bank holidays)
Fax: 01538 361899
E-Mail: info@donconstruction.co.uk

1.4. Emergency telephone number

Emergency telephone 01538 361799 Mon-Fri 8.30am - 5.00pm (excluding Bank Holidays)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

Xi;R41.

Human health

Prolonged contact with moist or wet product may cause burns. When mixed with water or gauging liquid splashes may cause serious eye damage. This material contains a low level of soluble Chromium VI. A reducing agent has been added which will, when mixed, reduce the level of soluble Chromium (VI) to no more than 0.0002% (2ppm) of the total dry weight of cement providing the product is stored correctly as indicated in section 7, and used within the recommended shelf life for the product. Persons with a known sensitivity to Chromium VI would be advised not to use this product.

Environmental

The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms.

Physicochemical

When handled correctly, undamaged units represent no danger.

TIBMIX - ALL COLOURS

2.2. Label elements

Pictogram




Signal word Danger

Hazard statements

H318 Causes serious eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

Precautionary statements

P261 Avoid breathing dust.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313 Get medical advice/attention.

Contains CEMENT

Supplementary precautionary statements

P264 Wash contaminated skin thoroughly after handling.

P284 [In case of inadequate ventilation] wear respiratory protection.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with national regulations.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

CEMENT	**30-60%**
CAS number: 65997-15-1 **EC number:** —	
Classification	**Classification (67/548/EEC or 1999/45/EC)**
Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335	Xi;R41,R37/38. R43.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments Cement/aggregate blend, The product may contain a low level of respirable crystalline silica.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove affected person from source of contamination.

Inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. Get medical attention if any discomfort continues.

Skin contact

Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention if any discomfort continues.

Eye contact

Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

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

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

May cause respiratory irritation.

Ingestion

May cause discomfort if swallowed.

Skin contact

Causes skin irritation. May cause an allergic skin reaction.

Eye contact

May cause blurred vision and serious eye damage.

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

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is non-combustible.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Dust may form explosive mixture with air. No unusual fire or explosion hazards noted.

Hazardous combustion products

Does not decompose when used and stored as recommended.

5.3. Advice for firefighters

Protective actions during firefighting

No specific firefighting precautions known.

Special protective equipment for firefighters

Wear chemical protective suit.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid inhalation of dust. Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Avoid generation and spreading of dust. Preferably remove spillage with a vacuum cleaner. Collect spillage in containers, seal

TIBMIX - ALL COLOURS

securely and deliver for disposal as hazardous waste.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid handling which leads to dust formation. Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Keep separate from food, feedstuffs, fertilisers and other sensitive material. The product must be stored under cover, in unopened bags clear of the ground in cool dry conditions, protected from frost and excessive draught.

Storage class

Miscellaneous hazardous material storage.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

CEMENT

Long-term exposure limit (8-hour TWA): WEL 10 total dust ; 4 respirable dust mg/m3

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

Ingredient comments

The product may contain a low level of respirable crystalline silica (WEL 0.1 mg/m3; 8 hours TWA).

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

Personal protection

Always check applicability with your supplier of protective equipment.

Eye/face protection

If there is a risk of splashing, wear chemical resistant goggles or visor approved to BS EN166.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Break through times can vary depending on thickness, use and source. Change gloves regularly.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact. Wear apron or protective clothing in case of contact.

Hygiene measures

Provide eyewash station. Promptly remove any clothing that becomes wet or contaminated. Wash promptly if skin becomes

contaminated.

Respiratory protection

Wear a suitable dust mask. Ensure that the mask fits tightly to ensure an efficient seal.

Environmental exposure controls

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Dusty powder.

Colour

Various

Odour

Slight.

pH

pH (concentrated solution): High alkaline pH when mixed with water.

Flash point

Not Relevant°C

Relative density

Variable, depends on packing effects @ °C

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation. Avoid handling which leads to dust formation.

10.5. Incompatible materials

Materials to avoid

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

No information available.

General information

Contains chromium (VI). May produce an allergic reaction.

Inhalation

May cause respiratory irritation.

TIBMIX - ALL COLOURS

Ingestion

Ingestion of small amounts is unlikely to cause a significant reaction. Larger doses may result in irritation to the gastro intestinal tract.

Skin contact

Causes skin irritation. May cause an allergic skin reaction.

Eye contact

Risk of serious damage to eyes.

Acute and chronic health hazards

Irritating to eyes. May cause skin sensitisation or allergic reactions in sensitive individuals.

Route of entry

Skin and/or eye contact

Target organs

Eyes Skin

Medical symptoms

Irritation of eyes and mucous membranes.

Medical considerations

Pre-existing eye problems. Skin disorders and allergies.

SECTION 12: Ecological Information

Ecotoxicity

The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

12.1. Toxicity

Not available

12.2. Persistence and degradability

Persistence and degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility

The product is non-volatile.

12.5. Results of PBT and vPvB assessment

This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Small quantities may be mixed with water, allowed to cure fully and disposed of as low hazard waste. Larger quantities should be disposed of as hazardous waste via a licensed waste operator.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

TIBMIX - ALL COLOURS

UN No. (IMDG)

UN No. (ICAO)

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

ADR/RID class

ADR/RID subsidiary risk

ADR/RID label

IMDG class

IMDG subsidiary risk

ICAO class/division

ICAO subsidiary risk

Transport labels

14.4. Packing group

Not applicable.

ADR/RID packing group

IMDG packing group

ICAO packing group

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

EmS

Emergency Action Code

Hazard Identification Number (ADR/RID)

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

Not applicable.

SECTION 15: Regulatory information

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

National regulations

Control of Substances Hazardous to Health Regulations 2002 (as amended).

Guidance

Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations.

Health and environmental listings

None of the ingredients are listed.

Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are known for this product.

Restrictions (Title VIII Regulation 1907/2006)

TIBMIX - ALL COLOURS

No specific restrictions on use are known for this product.

Water hazard classification

N/A

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information

Don Construction Products Ltd. Technical Datasheet.

Key literature references and sources for data

Health and Safety Executive Guidance Note EH40 (amended annually). Workplace Exposure Limits.

Revision comments

Section 2: update.

Revision date	01/10/2014
Revision	4
Supersedes date	25/04/2014
SDS status	Approved.

Risk phrases in full

R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.

Hazard statements in full

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

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.