This safety data sheet conforms to Regulation (EC) No. 1272/2008.

1.0 IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY

1.1 PRODUCT IDENTIFIERS

Product name: FR-DB4

1.2 RELEVANT IDENTIFIED USES OF SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST.

Speciality fire resistant paint additive. Not intended for other uses.

1.3 DETAILS OF SUPPLIER OF SAFETY DATA SHEET

Dupré Minerals Limited
Spencroft Road
Newcastle-under-Lyme
Staffordshire ST5 9JE

1.4 EMERGENCY TELEPHONE NUMBER

01782 383000

2.0 HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE / MIXTURE

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

2.2 LABEL ELEMENTS

Labelling according Regulation (EC) No 1272/2008

Pictogram None
Signal word None
Hazard statement(s) None
Precautionary statement(s) None
Supplemental Hazard Statements None


Hazard symbol(s) None
R-phrase(s) None
S-phrase(s) None

2.3 OTHER HAZARDS

None

3.0 COMPOSITION/INFORMATION ON INGREDIENTS

3.2 COMPOSITION OF MIXTURES

A mixture of REACh-registered or REACh-exempt substances.

There are no ingredients present which are classified and contribute to the classification of the substance and hence require reporting in this section.
4.0 FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES
Eye: Immediately flush with clean water or eye wash solution, holding the eyelids apart for at least 15 minutes. Seek medical attention if irritation persists.
Skin: In case of irritation, wash with soap and water; seek medical advice if irritation persists.
Inhalation: Remove exposed person to fresh air, keep warm and at rest.
Ingestion: If ingested in large quantities, wash mouth out with water and give water to drink. Do not induce vomiting. If gastrointestinal symptoms persist seek medical advice.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED
No data available

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED
Treat symptomatically, no special antidote required.

5.0 FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA
Non-flammable in wet state. Very limited flammability when dry – use water or CO₂ extinguisher.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE
No data available

5.3 ADVICE FOR FIRE FIGHTERS
No specific fire fighting equipment is required.
Use an extinguishing agent suitable for the surrounding fire.

6.0 ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES
Use personal protective equipment. Avoid breathing vapours, mist or gas. Avoid contact with skin and eyes.

6.2 ENVIRONMENTAL PRECAUTIONS
Do not let product enter drains.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP
Absorb excess liquid with absorbent non-combustible material (e.g. vermiculite granules), sweep up and shovel. Dispose of in accordance to local waste regulations.

6.4 REFERENCE TO OTHER SECTIONS
Suitable equipment for eye/face, skin and respiratory protection is quoted in section 8. Suitable methods for disposal are given in section 13.
7.0 HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING
Avoid contact with eyes, skin and clothing. Wash hands after use. Wash clothing before reuse.
Avoid formation of dust and aerosols. Appropriate respiratory protection should be worn.
Entering of tanks must only be performed after intensive cleaning and when it is ensured that residual
vapours have been removed. Consideration of national laws and international standards of confined
space entry should be taken into account. In case of doubt, the concentration of carbon monoxide must
be determined.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
Replace lids when not in use.
Do not freeze. Store between 5 °C and 25 °C where at all possible.
Store away from UV sunlight and external temperature variations.

7.3.1 SPECIFIC END USE
No data available

8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

8.2 EXPOSURE CONTROLS
Respiratory: Use appropriate engineering controls to maintain dust levels below OES-TWA limits.
Hands: Chemical resistant safety gloves. Wash hands at the end of each work session.
Eyes: Goggles.
Skin: Wear appropriate PPE, protective work clothing.
      Wash contaminated clothing before reuse
General: Protective overalls.
      Soiled clothing must be adequately laundered to avoid becoming a dust source.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Cream-brown solid dispersion.
Odour: Odourless
pH: Approximately 9
Boiling point: No data available
Melting point: Undetermined
Flash point: Not applicable
Flammability: Not flammable
Explosive properties: Not applicable
Relative density: Approximately 1.15
Solubility: No data available.

9.2 OTHER INFORMATION
None available
10.0 STABILITY AND REACTIVITY

10.1 REACTIVITY
No data available

10.2 CHEMICAL STABILITY
Chemically stable.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS
No data available

10.4 CONDITIONS TO AVOID
No data available

10.5 INCOMPATIBLE MATERIALS
No data available

10.6 HAZARDOUS DECOMPOSITION PRODUCTS
No data available

11.0 TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

11.1.1 Toxicological Data

Acute Toxicity
No data available

Ingestion
No data available

Inhalation
No data available

Skin Contact
No data available

Eye Contact
No data available

Target Organs
No data available

12.0 ECOLOGICAL INFORMATION

12.1 TOXICITY
No data available

12.2 PERSISTANCE AND DEGRADIBILITY
No data available

12.3 BIOACCUMULATIVE POTENTIAL
12.4 MOBILITY IN SOIL
No data available

12.5 RESULTS OF PBT AND vPvB ASSESSMENT
PBT / vPvB assessment not available as chemical safety assessment not required / not conducted.

12.6 OTHER ADVERSE EFFECTS
By intended use and observance of regulations / advice for storage and handling no adverse effects are expected.

13.0 DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS
This product is not classified as hazardous waste under the EC Directive 2008/98/EC or as hazardous waste under the Hazardous Waste (England and Wales) Regulations SI 2005 No.894. Dispose of according to national / regional legislation.

14.0 TRANSPORT INFORMATION

14.1 UN-NUMBER
ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.2 UN PROPER SHIPPING NAME
ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.3 TRANSPORT HAZARD CLASSES
ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.4 PACKING GROUP
ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.5 ENVIRONMENTAL HAZARDS
ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

14.6 SPECIAL PRECAUTIONS FOR USER
Not Applicable

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE
Not Applicable
15.0 REGULATORY INFORMATION

15.1 EU REGULATIONS

Regulation (EC) No. 2037/2000 (substances that deplete ozone)
Not applicable

Regulation (EC) No. 850/2004 (persistent organic pollutants)
Not applicable

Regulation (EC) No.689/2008 (concerning the export and import of dangerous chemicals)
Not applicable

Registration, Evaluation, Authorisation & Restriction of Chemicals (REACH)
The mineral vermiculite is a naturally occurring product and, hence, article 2 (7) (b) and Annex V paragraph 7, of the REACH regulations exempts this material from REACH registration.

Source of Reference for OELs
HSE EH40 for Workplace Exposure Limits

15.2 CHEMICAL SAFETY ASSESSMENT

No chemical safety assessment has been carried out by the supplier.

16.0 OTHER INFORMATION

(i) Indication of changes
Changes made to data sheet to comply with changes to regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures.

(ii) Abbreviations and acronyms
WEL TWA 8 HRS: Workplace Exposure Limit Time Weighted Average – 8 Hours

(iii) Key Literature References and Sources of Data
- Guidance Note EH40 Occupational Exposure Limits is published annually by the Health and Safety Executive. The latest relevant limits should be observed.
- HSG(37) 1993 “An introduction to Local Exhaust Ventilation” and Guidance Note EH44 2013 “Dust in the Workplace” are both available from HM Stationery Office.
- Advice on respiratory protective equipment is also given in BS EN 529:200.
- EN166 : 2002 Personal Eye Protection.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 CLP
This material is not classified under this regulation as the respirable quartz content is <1%.

Training Advice
All employees should be given adequate training in the proper use and handling of this product and any precautions and protective equipment required under applicable regulations
Such information given on this Material Safety Data Sheet is to the best of Dupré Minerals’ knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user’s responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.

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