

Wednesday, February 22, 2023
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SDS Attachment For: **KMP9113 Glaze DMF Lo -Temp Opaque PL25KG**

Australian Importer/Distributor:

FERRO CORPORATION (AUST.) PTY LTD
21-23 South Link, Dandenong South Vic 3175, Australia
ABN: 61 000 033 189

Telephone: 03 8782 0847 (business hours)

Emergency telephone number CHEMTREC
Global Number : +(1)-703-527-3887(Call Collect)

Hazard Classification: Classified as hazardous according to WHS GHS criteria. (GHS 7)

The mixture does not meet the criteria for classification.

Dangerous Goods Classification: Not Classified as a dangerous good for transport according to the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG7.8).

Australian Exposure Standards:

Kaolin CAS 1332-58-7 TWA 10 mg/m3

Australian Inventory Information (AICIS):

All components of this product are listed on the Australian Inventory of Industrial Chemicals

This Attachment must be read in conjunction with the attached SDS

The information provided is developed from data which is believed to be accurate and reliable at the time. To the maximum extent permitted by law, FERRO CORPORATION (AUST.) PTY LTD disclaims all liability for any errors or omissions contained in this information or any failure to update or correct this information. FERRO CORPORATION (AUST.) PTY LTD makes no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data provided.

SAFETY DATA SHEET

SECTION 1 : Identification

1.1 Identification of the substance or mixture:

GHS product identifier

Material number : 1019674

Trade name : KMP9113
KMP9113 Glaze DMF Lo -Temp Opaque PL25KG

1.2 Supplier's details:

Company : FERRO PERFORMANCE MATERIALS (THAILAND) CO.,LTD
No.197 Moo1, Hi-Tech Industrial Estate,
T.Baanlane, A.Bangpa-In, Phra Nakhon Si Ayutthaya 13160, THAILAND.
Telephone : +66 (0) 3595 8472
Telefax : +66 (0) 3595 8473

1.3 Recommended use of the chemical and restrictions on use

Use of the substance/ mixture : Glaze for ceramic enamelling

1.4 Emergency telephone number

+66 (0) 3595 8472 (08:00-12:00; 13:00-17:00; GMT+07:00)

SECTION 2 : Hazard identification

2.1 GHS Classification of the substance or mixture

Not classified

2.2 GHS Labels, including precautionary statements

GHS pictograms: : None

Signal words: : None

Hazard statements: : None

Precautionary statements: : None

2.3 Other hazards

No information available

SECTION 3 : Composition/ information on ingredients

Substance/Mixture : Mixture

Substance name	CAS no.	Weight(%)
Frits, Chemicals	65997-18-4	80 - 100
Kaolin	1332-58-7	0 - 20

SAFETY DATA SHEET

SECTION 4 : First-aid measures

4.1 Description of first-aid measures

- Inhalation : If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- Skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
- Eye contact : Flush eyes with water.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- Ingestion : Clean mouth with water and drink afterwards plenty of water.
Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

4.2 Most important symptoms/ effects, acute and delayed

No information available

4.3 Indication of immediate medical attention and special treatment; if needed

No information available

SECTION 5 : Fire-fighting measures

- 5.1 Suitable fire extinguishing media** : Use extinguishing measures that are appropriate to local circumstances
and the surrounding environment.
- Inappropriate fire extinguishing media** : No information available
- 5.2 Specific hazards arising from the chemical** : Do not allow run-off from fire fighting to enter drains or water.
- 5.3 Special protective equipment and precautions for fire fighters**
: In the event of fire, wear self-contained breathing apparatus.

SECTION 6 : Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
Use personal protective equipment.
Ensure adequate ventilation.
Evacuate personnel to safe areas.
Avoid dust formation.
- 6.2 Environmental precautions**
No special environmental precautions required.
- 6.3 Methods and materials for containment and cleaning up**
Pick up and arrange disposal without creating dust.
Sweep up and shovel.
Keep in suitable, closed containers for disposal.

SAFETY DATA SHEET

SECTION 7 : Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8. No special handling advice required.
Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against fire and explosion : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed

7.2 Conditions for safe storage, including incompatibilities

Requirements for storage area and containers : Keep container tightly closed in a dry and well-ventilated place.
Electrical installations / working materials must comply with the technological safety standards

Advice on common storage : No special restrictions on storage with other products.
No materials to be especially mentioned

Other data : No decomposition if stored and applied as directed.

SECTION 8 : Exposure controls/ personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Appropriate engineering controls

Ensure adequate ventilation.

8.3 Individual protection measures, including personal protective equipment (PPE)

Eye protection : safety glasses

Hand protection : For prolonged or repeated contact use protective gloves.

Skin and body protection : Protective suit

Respiratory protection : Protective mask

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SECTION 9 : Physical and chemical properties

Appearance	:	Powder / White
Odour	:	Odourless
Odour Threshold	:	Not applicable
pH	:	6 - 8
Melting point/freezing point	:	>500 °C
Initial boiling point and boiling range	:	No data available
Flash point	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	The product is not flammable.
Upper flammability or explosive limit	:	No data available
Lower flammability or explosive limit	:	No data available
Vapour pressure	:	Not applicable
Vapour density	:	Not applicable
Relative density	:	No data available
Solubility(ies) Water solubility	:	Insoluble
Solubility in other solvent	:	Insoluble
Partition coefficient n-octanol/ wat	:	Not applicable
Auto-ignition temperature	:	Not applicable
Decompositon temperature	:	Not applicable
Viscosity	:	Not applicable

SECTION 10 : Stability and reactivity

10.1 Reactivity	:	Stable under recommended storage conditions.
10.2 Chemical stability	:	No decomposition if stored and applied as directed.
10.3 Possibility of hazardous reactions	:	No hazards to be specially mentioned.
10.4 Conditions to avoid	:	No data available.
10.5 Incompatible materials	:	No data available.
10.6 Hazard decomposition products	:	Stable under normal conditions.

SAFETY DATA SHEET

SECTION 11 : Toxicological information

11.1 Acute toxicity

11.1.1 Acute oral toxicity	:	No data available.
11.1.2 Acute inhalation toxicity	:	No data available.
11.1.3 Acute dermal toxicity	:	No data available.

11.2 Skin corrosion/ irritation : No data available.

11.3 Serious eye damage/ irritation : No data available.

11.4 Respiratory or skin sensitization : No data available.

11.5 Germ cell mutagenicity : No data available.

11.6 Carcinogenicity : No data available.

11.7 Reproductive toxicity : No data available.

11.8 Specific target organ toxicity-Single exposure : No data available.

11.9 Specific target organ toxicity-Repeated exposure : No data available.

11.10 Aspiration hazard : No data available.

SECTION 12 : Ecological information

12.1 Toxicity : No data available.

12.2 Persistence and degradability : No data available.

12.3 Bioaccumulative potential : No data available.

12.4 Mobility in soil : No data available.

12.5 Other adverse effects : No data available.

SECTION 13 : Disposal considerations

Disposal methods

Waste residues/ Unused product : Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty remaining contents.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SAFETY DATA SHEET

SECTION 14 : Transport information

14.1 UN number

ADR : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.2 UN proper shipping name

ADR : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.3 Transport hazard classes

ADR : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.4 Packing group

ADR : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.5 Environmental hazards

ADR : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not dangerous goods

14.6 Special precautions for user

For personal protective equipment (PPE) see section 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available.

SECTION 15 : Regulatory information

International regulations :

Globally Harmonized System of Classification and Labelling of Chemicals (GHS), fourth revised edition,
UNITED NATIONS, Geneva, 2011

Globally Harmonized System of Classification and Labelling of Chemicals (GHS), third revised edition,
UNITED NATIONS, Geneva, 2009

Regulations of Thailand :

Hazardous substance Act B.E.2535
Hazardous substance list B.E.2556

SAFETY DATA SHEET

SECTION 16 : Other information

Date of preparation of SDS : 15-Feb-23
Revision number : 01
Revision date : 15-Feb-23

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

End of Safety Data Sheet
