

ATP-12/53		CEATP-12/53 Glaze Mixd DTF Col pl25kg	
Product specification	16861	Revision Date	21.02.2014
Version	1.0	Print Date	25.02.2014
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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Material number : **1047821**

Trade name : **ATP-12/53**
CEATP-12/53 Glaze Mixd DTF Col pl25kg

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

Use of the Substance/Mixture : Ceramic coating suited for firing, for glass and ceramics.

1.3 Details of the supplier of the safety data sheet

Company : Ferro Spain, S.A.
Carretera Valencia-Barcelona Km 61,5
12550 Almazora (Castellón)

Telephone : +34964504450

Telefax : +34964504421

E-mail address : gestion.msds@ferro.com

Responsible/issuing person

1.4 Emergency telephone number

CHEMTREC Global Number : 1-703-527-3887(Call Collect)

SECTION 2: HAZARDS IDENTIFICATION

Most important hazards

This document has been developed with the exclusive purpose of complying with the obligation of informing the supply chain according to article 32 of the Reach regulation, because this material is not classified and does not require a material safety data sheet.

Not a hazardous substance or mixture.

Other hazards

No information available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

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No dangerous ingredients according to Regulation (EC) No. 1272/2008 or 67/548/EEC

SECTION 4: FIRST AID MEASURES

- If inhaled : If unconscious place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : 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.
- Most important symptoms and effects, both acute and delayed : No information available.
No information available.
- Protection of first-aiders : Do not leave the victim unattended.
- Notes to physician : The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

SECTION 5: FIREFIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products :
Specific extinguishing methods : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Ensure adequate ventilation.
Evacuate personnel to safe areas.
- : Avoid dust formation.
- Environmental precautions : No special environmental precautions required.
- 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.

SECTION 7: HANDLING AND STORAGE

- 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.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : no data available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection
Remarks : For prolonged or repeated contact use protective gloves.
- Eye protection : Safety glasses
- Skin and body protection : Protective suit
- Protective measures : Wear suitable protective equipment.
When using do not eat, drink or smoke.

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Hygiene measures : General industrial hygiene practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: solid
Colour	: coloured
Odour	: odourless
Odour Threshold	: not applicable
pH	: 6 - 8
Melting point/range	: > 500 °C
Boiling point/boiling range	: > 1.000 °C
Flash point	: not applicable
Evaporation rate	: not applicable
Flammability (solid, gas)	: The product is not flammable.
Burning rate	: no data available
Auto-flammability	: not applicable
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: not applicable
Relative vapour density	: not applicable
Solubility(ies)	
Water solubility	: insoluble
Solubility in other solvents	: insoluble
Partition coefficient: n-octanol/water	: not applicable
Viscosity	
Viscosity, dynamic	: not applicable
Viscosity, kinematic	: not applicable
Oxidizing properties	: not applicable
Bulk density	: 1.500 - 3.000 kg/m3

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SECTION 10: STABILITY AND REACTIVITY

Reactivity	: Stable under recommended storage conditions., No decomposition if stored and applied as directed.
Chemical stability	: No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: No hazards to be specially mentioned.
Conditions to avoid	: no data available
Incompatible materials	: no data available
Hazardous decomposition products	: Stable under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

no data available

Skin corrosion/irritation

Product

According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

Serious eye damage/eye irritation

Product

According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

Respiratory or skin sensitisation

Product

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

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no data available

Reproductive Toxicity/Development/Teratogenicity

no data available

STOT - single exposure

no data available

STOT - repeated exposure

no data available

Aspiration toxicity

no data available

Further information

Product

no data available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity : This product has no known ecotoxicological effects.

Chronic aquatic toxicity : This product has no known ecotoxicological effects.

Persistence and degradability

Product:

Biodegradability : no data available

no data available

Bioaccumulative potential

Product:

Bioaccumulation : no data available

Partition coefficient: n-octanol/water : not applicable

Mobility in soil

Product:

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Distribution among environmental compartments : no data available

Results of PBT and vPvB assessment

Product:

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT)., This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

Other adverse effects

Product:

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT)., This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

Additional ecological information : no data available, There is no data available for this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : 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.

SECTION 14: TRANSPORT INFORMATION

International transport regulations

ADR

Not dangerous goods

MERCOSUR

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

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SECTION 15: REGULATORY INFORMATION

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

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	: Neither banned nor restricted
REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	: Neither banned nor restricted
Regulation (EC) No 689/2008 of the European Parliament and the Council concerning the export and import of dangerous chemicals	: Neither banned nor restricted
Candidate List of Substances of Very High Concern for Authorisation	: This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).
EU. REACH - Annex XIV: List of substances subject to authorisation	: Neither banned nor restricted
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer - Annex I Controlled substances covered	: Neither banned nor restricted
Regulation (EC) No 850/2004 on persistent organic pollutants	: Neither banned nor restricted

Other international regulations

Notification status

REACH	: On the inventory, or in compliance with the inventory
CH INV	: The formulation contains substances listed on the Swiss Inventory
TSCA	: On TSCA Inventory
DSL	: All components of this product are on the Canadian DSL.
AICS	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory
ENCS	: Not in compliance with the inventory
ISHL	: Not in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: Not in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory

SECTION 16: OTHER INFORMATION

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