

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006



No. 021 Betek Super Plus

Version 1.0

Revision Date 14.09.2013

Print Date 14.09.2013

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier :

Trade name : Betek Super Plus

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

Use of the Substance/Mixture : Decorative protective coating
Recommended restrictions : on use

1.3 Details of the supplier of the safety data sheet

Company : Betek Egypt For Paints&Chemicals
1st industrial zone No.198 6th October City, Egypt
Telephone : (+202) 383 14 730 (8 Line)
Telefax : (+202) 383 14 737
E-mail Address : info@betek.com.eg

1.4. Emergency telephone number

Emergency telephone number : (+202) 383 14 730
E-mail address : info@betek.com.tr

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a dangerous substance according to GHS.

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

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

2.2 Label Elements

Labelling (REGULATION (EC) No 1272/2008)

Not a dangerous substance according to GHS.

Labelling according to EC Directives (1999/45/EC)

Further information : The product does not need to be labelled in accordance with EC directives or respective national laws.

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Betek Super Plus

Version 1.0

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2.3 Other hazards

Keep out of reach from children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the paint. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water. Do not breathe spray dust.

3. Composition/information on ingredients

3.2 Mixtures

Remarks : No dangerous ingredients according to Regulation (EC) No. 1907/2006

4. First aid measures

4.1 Description of first aid measures

- General advice : No hazards which require special first aid measures.
Move out of dangerous area.
First aider needs to protect himself.
- If inhaled : Move to fresh air.
- In case of skin contact : Wash skin thoroughly with soap and water or use recognized skin cleanser.
Take off all contaminated clothing immediately.
Do NOT use solvents or thinners.
- In case of eye contact : Remove contact lenses
Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart
Seek medical advice
- If swallowed : If swallowed, DO NOT induce vomiting.
If accidentally swallowed obtain immediate medical attention.
Clean mouth with water and drink afterwards plenty of water.
Never give anything by mouth to an unconscious person

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : : No information available.
- Risks : : No information available.

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

- Treatment : : No information available.

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Betek Super Plus

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5. Firefighting Measures

5.1 Extinguishing media

- Suitable Extinguishing Media : Not combustible.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable Extinguishing Media : High volume water jet

5.2. Special hazards arising from the substance or mixture

- Specific Hazards During firefighting : Burning produces irritant fumes.
Do not allow run-off from fire fighting to enter drains or water courses

5.3 Advice for firefighters

- Special protective equipment for firefighters : Wear self contained breathing apparatus for fire fighting if necessary.
Use personal protective equipment
- Further information : The product itself does not burn.
Standard procedure for chemical fires

6. Accidental Release Measures

6.1 Personal Precautions, protective equipment and emergency procedures

- Personal precautions : Avoid contact with skin and eyes.
Material can create slippery conditions.
Use protective shoes or boots with rough rubber sole.
Refer to protective measures listed in sections 7 and 8.

6.2 Environmental Precautions

- Environmental precautions : Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.
Prevent further leakage or spillage if safe to do so

6.3 Methods and Materials for Containment and Cleaning up

- Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Suitable cleaning agents Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For further information see Section 8 & 13 of the safety data sheet.

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Betek Super Plus

Version 1.0

Revision Date 14.09.2013

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7. Handling and Storage

7.1 Precautions for Safe Handling

Advice on Safe Handling : No special technical protective measures required.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store at room temperature in the original container.
Keep in a well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
To maintain product quality, do not store in heat or direct sunlight.
Perishable if frozen
Observe label precautions.

Advice on common storage : Keep away from oxidising agents and strongly acid or alkaline materials.

7.3 Specific end uses : Please follow the technical information of the manufacturer.

8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required. Do not use for spraying.

Hand protection : For prolonged or repeated contact use protective gloves.
Trade association leaflet: Carry gloves (ZH 1/706)
Trade association leaflet: A 023 Hand and skin protection

Eye protection : Safety glasses
Trade association rules -BGR 192 Eye protection

Skin and body protection : Protective suit

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Betek Super Plus

Version 1.0

Revision Date 14.09.2013

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Hygiene measures : Ensure adequate ventilation, especially in confined areas.
Avoid contact with the skin and the eyes.
Wash hands before eating, drinking, or smoking.
Wash hands before breaks and at the end of workday

Protective measures : No special protective equipment required.

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform
respective authorities.
Prevent further leakage or spillage if safe to do so

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : Liquid
Colour : Pigmented
Odour : Characteristic
Odour Threshold : Not applicable
pH : No data available
Melting point/range : ca. 0 °C
Boiling point/boiling range : 100 °C
Flash point : Not applicable
Evaporation rate : Not applicable
Flammability (solid, gas) : Not determined
Lower explosion limit : Not applicable
Upper explosion limit : Not applicable
Vapour pressure : ca. 23 hPa
Relative vapour density : Not applicable
Relative density : Not applicable
Density : 1.62 + 0.02 g/ml
Water solubility : Completely miscible
Partition coefficient: n-
octanol/water : Not determined
Autoignition temperature : Not determined
Thermal decomposition : No data available
Explosive properties : Not applicable
Oxidizing properties : No data available

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Betek Super Plus

Version 1.0

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9.2 Other information

Flow time : Not determined

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

10.4 Conditions to avoid

Conditions to avoid : Protect from frost,
Extremes of temperature and direct sunlight

10.5 Incompatible materials

Materials to avoid : Incompatible with oxidizing agents.
Incompatible with acids and bases

10.6 Hazardous decomposition products

Hazardous decomposition products : No decomposition if stored and applied as directed.
In case of fire hazardous decomposition products may be produced such as:
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SAFETY DATA SHEET

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Betek Super Plus

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11. Toxicological information

11. 1. Information on toxicological effects

Product

Acute oral toxicity	: > 2.000 mg/kg
Acute inhalation toxicity	: No data available
Acute dermal toxicity	: No data available
Skin corrosion/irritation	: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.
Serious eye damage/eye	: According to the classification criteria of the European Union the product is not considered as being an eye irritant.
Respiratory or skin	: No data available
Further information	: There is no data available for this product. Information given is based on data on the components and the toxicology of similar products

12. Ecological information

12.1 Toxicity

Product:

Toxicity to fish : No data available

Toxicity to daphnia and other aquatic invertebrates : No data available

12.2 Persistence and degradability

Product:

Biodegradability : No data available

12.3 Bioaccumulative potential

Product:

Bioaccumulation : no data available

SAFETY DATA SHEET

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12.4 Mobility in soil

Product:

Mobility : no data available

12.5 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)

12.6 Other adverse effects

Product:

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

13. Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses the soil.
Disposal together with normal waste is not allowed.
Special disposal required according to local regulations.

Contaminated packaging : Only completely emptied containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

14.1 UN number

Not regulated as a dangerous good

14.2 Proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks : See sections 6-8

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

Remarks : Not applicable

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Betek Super Plus

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Revision Date 14.09.2013

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15. Regulatory information

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

Water contaminating class : 1 : Slightly water endangering

Product code for laquers and paints / Giscode : M-DF01 Product code for laquers and paints

15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance

16. Other information

Further information

Other information : No exposure scenario communication is required for this product according to REACH Regulation No. 1907/2006 EC. This product is a mixture and does not contain Substances of Very High Concern (SVHC) equal or above 0.1%. Therefore no advised uses have to be defined and no chemical safety assessment has to be generated.

Communication of Uses is not required in accordance with REACH Article 31(1)(a) -registered substances / mixtures do not meet the criteria for classification as hazardous in accordance with Regulations 1272/2008 EC or 1999/45/EC

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.

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REACH and GHS/CLP Information

According to our legal obligations we will implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and GHS respectively the Regulation (EC) No 1272/2008). REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP).

We will adjust and update our safety data sheets on a regular base in accordance with the information of our upstream-suppliers. As usual we will inform you about the adjustments.

Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company.

We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly.

This will be put into practise depending on the register-deadline of the substances involved during the transition period from December 1, 2010 till May 31, 2018.

The amendment of safety data sheets of mixtures or preparations in accordance with GHS/CLP regulation will be carried out during a transitional period until June 1, 2016.

We will conduct the adjustment of our safety data sheets during the time frame of the transitional period as soon as new information is available from our suppliers.