Safety Data Sheet prepared in accordance with the Regulation on Safety Data Sheets for Hazardous Substances and Mixtures (Official Gazette dated 13.12.2014, No. 29204).

SECTION 1. Identification of the substance/mixture and of the company/distributor

1.1. Product identifier

Product code: 600.640.03 / 600.640.05 / 600.640.12 / 600.640.15

Trade name: Tile AB 640. Relevant identified uses of the substance or mixture and uses advised against.

Description/use: Single-component, acrylic dispersion-based bonding primer with aggregate, used for bonding ceramic tiles onto existing ceramic tiles.

1.3. Details of the supplier of the safety data sheet

Company: Merks Yapı Kimyasalları San. ve Tic. A.Ş.

Polatlı Organize San Bölgesi 202. Cad. No:15 06900

Polatlı/ANKARA

T + 90 312 626 50 12

F +90 312 626 50 12

E-mail: info@merks.com.tr

www.merks.com.tr

1.4. Emergency telephone number

Emergency advice: Emergency First Aid Centre: 112

National Poison Information Centre

International emergency number: Telephone: +49 180 2273-112

Fax number: +90 262 648-9299

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification according to Directive 67/548/EEC or Directive 1999/45/EC: Not classified as hazardous.

2.2. Label elements

Signal word: -

Hazard statements: -

Safety phrases: -

2.3. Other hazards

According to the information currently available, the product does not contain PBT or vPvB substances at concentrations above 0.1%.

SECTION 3. Composition/information on ingredients

3.1. Substances

Not relevant.

3.2. Mixtures

Contains:

Identification | X = Concentration % | Classification

>= 0.25% - < 0.49% nonylphenol, ethoxylated

CAS number: 9016-45-9

R53

4.1/C4 Aquatic Chronic 4 H413

>= 0.25% - < 0.49% ethoxylated octylphenol

CAS number: 9036-19-5

Xi; R36

3.3/2 Eye Irrit. 2 H319. The full text of the hazard statements is given in Section 16 of this Safety Data Sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove any contact lenses. Immediately rinse with plenty of water for at least 30/60 minutes, holding the eyelids wide open. Seek medical advice immediately.

SKIN: Remove contaminated clothing. Take a shower immediately. Seek medical advice immediately.

INGESTION: Give as much water as possible to drink. Seek medical advice immediately. Do not induce vomiting unless expressly authorised by a doctor.

INHALATION: Call a doctor immediately. Move the exposed person away from the accident site to fresh air. If breathing stops, administer artificial respiration. Take appropriate precautions for the person giving assistance.

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

No specific information is available on symptoms and effects caused by the product.

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

No information available.

SECTION 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide, foam, powder and water spray.

Unsuitable extinguishing media: None specifically indicated.

5.2. Special hazards arising from the substance or mixture: The product does not present a fire hazard. Avoid breathing combustion products.

5.3. Advice for firefighters

Special protective equipment: Use suitable respiratory protective equipment.

Collect contaminated firefighting water separately. Do not discharge it into municipal sewers.

If it can be done safely, remove undamaged containers from the hazardous area.

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Move people to a safe place. Follow the protective measures indicated in Sections 7 and 8.

6.2. Environmental precautions

Prevent entry into soil/subsoil. Prevent entry into surface waters or municipal drains. Otherwise, notify the competent authorities.

6.3. Methods and material for containment and cleaning up

Suitable material for collection: absorbent material, organic material, sand. Wash with plenty of water. Collect and dispose of contaminated wash water.

6.4. Reference to other sections

Information on personal protection and disposal, where applicable, is provided in Sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Handle the product only after reading all other sections of this Safety Data Sheet. Prevent release of the product into the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in the original container. Keep containers closed in well-ventilated places, protected from direct sunlight.

7.3. Specific end use(s).

No information available.

SECTION 8. Exposure controls/personal protection

8.1. Personal protective equipment

Occupational exposure limit

Derived no-effect exposure limit value

Predicted no-effect concentration exposure limit value

8.2. Exposure controls

HAND PROTECTION:

Not required for normal use.

Use LLPDE (0.06 mm), nitrile (0.4 mm) or butyl (0.5 mm) gloves (refer to EN 374). Latex gloves are not recommended.

Wear long-sleeved Category I work clothing for professional use and safety footwear (refer to Directive 89/686/EEC and EN ISO 20344). Wash with soap and water after removing protective clothing.

EYE PROTECTION: Wear tightly fitting protective goggles (refer to EN 166).

RESPIRATORY PROTECTION: If the threshold value (for example, TLV-TWA) for the substance or one or more substances contained in the product is exceeded, use a mask fitted with a type B filter, with class (1, 2 or 3) selected according to the limiting concentration for use (refer to EN 14387). If gases or vapours of different types and/or gases or vapours containing particulates (aerosols, fumes, mists, etc.) are present, combined filters are required.

ENVIRONMENTAL EXPOSURE CONTROLS: Emissions from production processes, including emissions from ventilation equipment, must be checked for compliance with environmental protection requirements.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Not available.

Colour: Not available.

Odour: Not available.

Odour threshold: Not available.

pH: Not available.

Melting/freezing point: Not available.

Initial boiling point: Not applicable.

Boiling range: Not available.

Flash point: Not available.

Evaporation rate: Not available.

Flammability (solid and gas): Not available.

Lower flammability limit: Not available.

Upper flammability limit: Not available.
Lower explosion limit: Not available.
Upper explosion limit: Not available.
Vapour pressure: Not available.
Vapour density: Not available.
Relative density: Not available.
Solubility: Not available.
Partition coefficient (n-octanol/water): Not available.
Auto-ignition temperature: Not available.
Decomposition temperature: Not available.
Fluidity: Not available.
Explosive properties: Not available.
Flammability: Not available.

9.2. Other information

Where necessary, information on physical and chemical parameters is provided in this section.

SECTION 10. Stability and reactivity

10.1. Reactivity

There is no specific risk of reactions with other substances under normal conditions of use.

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

No hazardous reactions are expected under normal conditions of use and storage.

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Hazardous decomposition products

No information available.

SECTION 11. Toxicological information

In the absence of experimental toxicological data for the product, potential health hazards have been assessed on the basis of the properties of the substances it contains, according to the criteria laid down in the regulations used as a reference for classification. Therefore, when assessing the toxicological effects resulting from exposure to the product,

take into account the concentrations of the individual substances listed in Section 3.

11.1. Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

No information available.

Information on likely routes of exposure

No information available. Delayed, immediate and chronic effects from short-term and long-term exposure: No information available. Interactive effects: No information available. Acute toxicity:

LC50 (inhalation), mixture content: Not classified (no significant constituent). LD50 (dermal), mixture content: Not classified (no significant constituent). Skin corrosion/irritation: The classification criteria for this hazard category are not met.

Serious eye damage/eye irritation: The classification criteria for this hazard category are not met.

Sensitivity

May cause an allergic reaction.

MUTAGENICITY: The classification criteria for this hazard category are not met. CARCINOGENICITY: The classification criteria for this hazard category are not met. REPRODUCTIVE TOXICITY: The classification criteria for this hazard category are not met. SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE: The classification criteria for this hazard category are not met. SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE: The classification criteria for this hazard category are not met. ASPIRATION HAZARD: The classification criteria for this hazard category are not met.

SECTION 12. Ecological information

Where specific information on the preparation is unavailable, follow good working practices and prevent release of the product into the environment. Do not discharge the product onto soil or into watercourses. Notify the competent authorities if the product reaches watercourses or contaminates soil or vegetation. Take the necessary measures to minimise effects on the water table.

12.1. Toxicity

No information available.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

According to the information currently available, the product does not contain PBT or vPvB substances at concentrations above 0.1%.

12.6. Other adverse effects

No information available.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse if possible. Residues of the product itself must be considered hazardous special waste.

Disposal must be carried out by handing the material over to an authorised waste management company in accordance with national and any applicable local legislation.

Contaminated packaging must be sent for recovery or disposal in accordance with national waste management legislation.

SECTION 14. Transport information

The product is not considered dangerous under the applicable provisions governing the transport of dangerous goods by road (ADR), rail (RID), sea (IMDG Code) and air (IATA).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

Not relevant.

SECTION 15. Regulatory information

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

Seveso category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances under Annex XVII to Regulation (EC) No. 1907/2006: None. Substances on the Candidate List (REACH Article 59): According to the information currently available, the product does not contain SVHC substances at concentrations above 0.1%.

Substances subject to authorisation (REACH Annex XIV): None

Substances subject to export notification under Regulation (EC) No. 649/2012: None

Substances subject to the Rotterdam Convention: None.

Substances subject to the Stockholm Convention: None.

Health surveillance

No information available.

15.2. Chemical safety assessment

No chemical safety assessment has been prepared for the mixture or the substances it contains.

SECTION 16. Other information

Explanations of the hazard classes and hazard statements referred to in Sections 2 or 3:

• R36 Irritating to eyes.

• R53 May cause long-term adverse effects in the aquatic environment.

H413 May cause long lasting harmful effects to aquatic life.

H319 Causes serious eye irritation.

The information in this Safety Data Sheet is based on our best knowledge and experience available at the date of preparation and must not be regarded as a guarantee of completeness or accuracy. The information is intended solely as guidance for safe handling, use, processing, storage, transport, disposal and release, and must not be considered a guarantee or quality specification. It applies only to the specified substance/mixture and may not be valid when it is mixed with other substances or used in another process.