



SAFETY DATA SHEET UNDER TILE AND STONE PRIMER

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME UNDER TILE AND STONE PRIMER

SUPPLIER **ARDEX ENDURA (INDIA) PRIVATE LIMITED**
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2. HAZARDS IDENTIFICATION

No particular hazards known.
 The product contains a mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1) (CAS-No.:55965-84-9).
 May produce an allergic reaction.
 If the product adheres to skin, irritation may occur when it dries.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NATURE
 Aqueous dispersion of a polymer based on: acrylic ester, styrene

HAZARDOUS INGREDIENTS

a mixture of	:	5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (3:1)
Content (W/W)	:	<= 50 PPM
CAS Number	:	55965-84-9
INDEX-Number	:	613-167-00-5
Hazard symbol(s)	:	T, N
R-phrase(s)	:	23/24/25, 34, 43, 50/53

The wording of the hazard symbols and R-phrases is specified in chapter 16 if dangerous ingredients are mentioned.

4. FIRST-AID MEASURES

GENERAL INFORMATION
 Remove contaminated clothing.

INHALATION
 Keep patient calm, remove to fresh air, seek medical attention.

INGESTION
 Rinse mouth immediately and then drink plenty of water, seek medical attention.

SKIN CONTACT
 Wash thoroughly with soap and water.

EYE CONTACT
 Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
 water spray, dry extinguishing media, foam, carbon dioxide

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6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

For small amounts : Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations.

For large amounts : Pump off product.

For residues : Rinse away with water.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS

Handle in accordance with good industrial hygiene and safety practice.

No special measures necessary provided product is used correctly.

STORAGE PRECAUTIONS

Further information on storage conditions: Store protected against freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENTS WITH WORKPLACE CONTROL PARAMETERS

The release and quantity of the stated substance is dependent on the processing conditions.

ammonia, 7664-41-7;

TWA value 25 ppm (ACGIHTLV)

STEL value 35 ppm (ACGIHTLV)

TWA value 18 mg/m³ ; 25 ppm (OEL (IN))

STEL value 27 mg/m³ ; 35 ppm (OEL (IN))

PERSONAL PROTECTIVE EQUIPMENT

HAND PROTECTION

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

EYE PROTECTION

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

GENERAL SAFETY AND HYGIENE MEASURES

Hands and/or face should be washed before breaks and at the end of the shift. Avoid contact with skin and eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	liquid	
Colour	white	
Odour	faint odour	
pH value	6.5 - 8.5 (25°C)	(DIN ISO 976)
Information on water solidification temperature	0°C	
Information on water boiling temperature	100°C (1,000 hPa)	
Flash point	not applicable	
Information on water Vapour pressure	23 mbar (20°C)	
Density	approx. 1.02 g/cm ³ (20°C)	(ISO 2811-1)
Miscibility with water	miscible	
Viscosity, dynamic	85 - 175 mPa.s (23°C)	(DIN EN ISO 2555 (RVT))
Solids content	16 - 19 %	(DIN EN ISO 3251)

10. STABILITY AND REACTIVITY

THERMAL DECOMPOSITION

No decomposition if used correctly.

HAZARDOUS REACTIONS

No hazardous reactions when stored and handled according to instructions.

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11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

LD50 rat (oral): > 2,000 - 10,000 mg/kg

IRRITATION

Assessment of irritating effects:

If the product adheres to skin, irritation may occur when it dries.

Primary skin irritation rabbit: non-irritant (OECD Guideline 404)

Primary irritations of the mucous membrane rabbit: non-irritant (OECD Guideline 405)

Other relevant toxicity information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The statement was derived from products of similar composition.

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12. ECOLOGICAL INFORMATION

ECOTOXICITY

TOXICITY TO FISH

LC50 (96 h) > 100 mg/l, *Brachydanio rerio* (OECD Guideline 203, static)

AQUATIC INVERTEBRATES

EC50 (48 h) > 100 mg/l, *Daphnia magna* (OECD Guideline 202, part 1, static)

AQUATIC PLANTS

EC50 (72 h) > 100 mg/l, *Scenedesmus subspicatus* (OECD Guideline 201)

Nominal concentration.

MICROORGANISMS/EFFECT ON ACTIVATED SLUDGE

EC20 (0.5 h) > 100 mg/l, activated sludge, domestic (DIN EN ISO 8192-OECD 209-88/302/EEC,P. C)

The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.

PERSISTENCE AND DEGRADABILITY

ASSESSMENT BIODEGRADATION AND ELIMINATION (H2O)

The product can be virtually eliminated from water by abiotic processes e.g. adsorption onto activated sludge.

ELIMINATION INFORMATION

> 70 % DOC reduction (OECD 302B; ISO 9888; 88/302/EEC,part C) Easily eliminated from water.

BIOACCUMULATION POTENTIAL

BIOACCUMULATION POTENTIAL

Based on its structural properties, the polymer is not biologically available. Accumulation in organisms is not to be expected.

ADDITIONAL INFORMATION

OTHER ECOTOXICOLOGICAL ADVICE

Do not release untreated into natural waters. At the present state of knowledge, no negative ecological effects are expected.

Ecological data are determined by analogy.

13. DISPOSAL CONSIDERATIONS

Must be dumped or incinerated in accordance with local regulations.

A waste code in accordance with the European waste catalog (EWC) cannot be specified, due to dependence on the usage.

Observe national and local legal requirements.

14. TRANSPORT INFORMATION

DOMESTIC TRANSPORT

Not classified as a dangerous good under transport regulations

SEA TRANSPORT

IMDG

Not classified as a dangerous good under transport regulations

AIR TRANSPORT

IATA/ICAO

Not classified as a dangerous good under transport regulations

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15. REGULATORY INFORMATION

Classification not required

Other regulations

16. OTHER INFORMATION

TRAINING ADVICE : The details of this data sheet must be passed on to all personnel handling the product.

DISCLAIMER

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.