

Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



75100 Primal® AC 35

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Revised edition: 18.09.2015

Version: 2.3

Printed: 23.11.2015

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Primal® AC 35

Article No.: 75100

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:

Binding agent

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet Producer/Importer

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.de

E-Mail: info@kremer-pigmente.de

Importer: --

1.4. Emergency contact

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to EC Regulation 1272/2008

This product does not require classification and labelling as hazardous according to CLP/GHS.

Classification according to EC Regulation No. 67/548 or No. 1999/45

The material is not subject to classification according to EC lists.

Safety Phrases:

Possible Environmental Effects:

See Section 12.

2.2. Label elements

Classification according to EC Regulation 1272/2008

This product does not require classification and labelling as hazardous according to CLP/GHS.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

EUH208

May produce an allergic reaction.

EUH210

Safety data sheet available upon request.

Safety designation:

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Hazardous components for labelling:

2. \$.*ther +a, ards

Contains 1,2-Benzisothiazol-3(2H)-one, 5-Chloro-2-methyl-4-isothiazolin-3-one: can cause allergic reactions.

3. Composition/Information on Ingredients

\$. 1. Substance

\$. 2. Mixture

This produkt is a mxiture.

Chemical Characterization:

Acrylic latex

Hazardous Ingredients:

Does not contain any hazardous components according to EC Guidelines 1272/2008 and 67/548/EEC.

Additional information:

4. First Aid Measures

' . 1. Description of the -irst . id Measures

General information:

Seek medical attention in case of complaints.

After inhalation:

Take affected person to fresh air.

After skin contact:

Wash off with plenty of water and soap. Consult a physician if irritation persists.

After eye contact:

Rinse open eye for several minutes under running water. Should irritation continue, seek medical advice.

After ingestion:

Rinse mouth with water and give plenty of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

' . 2. Most i " portant Sy " pto " s and %ffects/ both . cute and Delayed

Symptoms:

No further information available.

Effects:

' . \$. Indication of any l " " ediate Medical . ttention and special 0reat " ent needed

Treatment:

No further information available.

5. Fire-Fighting Measures

1. 1. %xtinguishing Media

Suitable extinguishing media:

Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

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1.2. Special hazards arising from the Substance or Mixture

Special hazards:

Material can splatter above 100°C/212°F. Dried product can burn.

1.3. Protective equipment for firefighters

Protective equipment:

Wear self-contained respiratory protective device and protective clothing.

Further information:

Thermal decomposition may yield acrylic monomers.

6. Accidental Release Measures

3.1. Personal Precautions/ Protective Equipment and Emergency Procedures

Personal precautions:

Wear appropriate protective equipment. Keep spectators away. Floor may be slippery; use care to avoid falling.

3.2. Environmental Precautions

Environmental precautions:

Caution: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

3.3. Methods and Material for Containment and Clean-up

Methods and material:

Contain with absorbent, inert material (sand, earth) and dispose accordingly.

3.4. Reference to other Sections

See Section 13 for information on disposal.

7. Handling and Storage

4.1. Precautions for Safe Handling

Instructions on safe handling:

*Avoid contact with eyes, skin and clothing.
Wash hands with soap and water.
Do not swallow or inhale.*

Hygienic measures:

Keep away from foodstuffs and drinks.

4.2. Conditions for Safe Storage/ including any Incompatibilities

Storage conditions:

*Store in tightly sealed containers in a dry room.
Stir well before use.
Keep from freezing; material may coagulate.
Store between 1-49°C (34-120°F).*

Requirements for storage areas and containers:

Keep container tightly closed.

Information on fire and explosion

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protection:

Monomer vapors may be evolved when material is heated during processing operations.

Storage class (VCI):

Further Information:

4. \$. Specific %nd Use s#

Further information:

The technical guidelines for the application of this product/mixture should be followed.

8. Exposure Controls/Personal Protection

5. 1. Para " eters to be (onrolled

Does not contain substances with occupational exposure limits.

Parameters to be controlled (DE):

Parameters to be controlled (EC):

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

5. 2. %xposure (ontrols

Technical protective measures:

Adequate ventilation.

Facilities storing or utilizing this material should be equipped with an eyewash facility.

Personal Protection

General protective measures:

Avoid contact with skin and avoid inhalation of vapour. Do not eat, drink or smoke while working.

Respiratory protection:

A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Neoprene

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Environmental precautions:

9. Physical and Chemical Properties

7. 1. Infor " ation on 6asic Physical and (he " ical Properties

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<i>Form:</i>	<i>liquid</i>
<i>Color:</i>	<i>milky white</i>
<i>Odor:</i>	<i>like acrylate</i>
<i>Odor threshold:</i>	<i>No information available.</i>
<i>pH-Value:</i>	<i>8.5 - 9.5</i>
<i>Melting temperature:</i>	<i>0°C (H₂O)</i>
<i>Boiling temperature:</i>	<i>100°C (H₂O)</i>
<i>Flash point:</i>	<i>not combustible</i>
<i>Evaporation rate:</i>	<i>< 1 H₂O</i>
<i>Flammability (solid, gas):</i>	<i>non-combustible</i>
<i>Upper explosion limit:</i>	<i>not determined</i>
<i>Lower explosion limit:</i>	<i>not determined</i>
<i>Vapor pressure:</i>	<i>2266,4808 Pa (20°C)</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>1.00 - 1.20 g/cm³</i>
<i>Solubility in water:</i>	<i>dilutable</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not determined</i>
<i>Auto-ignition temperature:</i>	<i>not applicable</i>
<i>Decomposition temperature:</i>	<i>not determined</i>
<i>Viscosity, dynamic:</i>	<i>300 - 600 mPa.s</i>
<i>Explosive properties:</i>	<i>not applicable</i>
<i>Oxidizing properties:</i>	<i>no information available</i>
<i>Bulk density:</i>	
7.2. -urther Infor " ation	
<i>Solubility in solvents:</i>	
<i>Viscosity, kinematic</i>	

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Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

Percent volatility: 54 - 56 % water

10. Stability and Reactivity

18.1. Reactivity

The product is stable.

18.2. Chemical Stability

Stable if used according to specifications.

18.3. Possibility of Hazardous Reactions

Unknown.

18.4. Conditions to Avoid

Conditions to avoid:

Avoid heat.

Thermal decomposition:

Thermal decomposition may yield acrylic monomers.

18.5. Incompatible Materials

No information available.

18.6. Hazardous Decomposition Products

None known.

18.7. Further Information

Product does not polymerize.

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

LD50, oral:

> 5000 mg/kg (rat)

LD50, dermal:

> 5000 mg/kg (rabbit)

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

Slight irritant effect (rabbit).

Irritant effect on eyes:

Non-irritating to eyes (rabbit)

Inhalation:

No information available.

Ingestion:

No information available

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Sensitization:

No information available.

Mutagenicity:

No data available.

Reproductive toxicity:

No data available.

Cancerogenity:

No data available.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No data available.

Additional toxicological information:

By analogy with a product of similar composition.

12. Ecological Information

12. 1. Aquatic Toxicity

Fish toxicity:

No data available.

Daphnia toxicity:

No information available.

Bacteria toxicity:

no information available

Algae toxicity:

No information available.

12. 2. Persistence and Degradability

No information available.

12. 3. Bioaccumulation

No information available.

12. 4. Mobility

No information available.

12. 5. Results of P609 und vPvB assessment

This substance is not classified as PBT (persistent, bioaccumulative, toxic), nor as vPvB (very persistent, very bioaccumulative).

12. 6. Other adverse effects

Water hazard class:

Do not let product contaminate ground water, waterways or sewage system.

Behaviour in sewage systems:

Further ecological effects:

No ecological data available.

AOX Value:

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13. Disposal Considerations

1.1. : aste 0reat " ent Methods

Product:

Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state and federal regulations.

European Waste Code (EWC):

The waste code must be determined together with the regional disposal service.

Uncleaned packaging:

Waste Code No.:

14. Transport Information

1.1. U& &u " ber

ADR, IMDG, IATA

1.2. U& Proper Shipping &a " e

ADR/RID:

No hazardous goods according to ADR (land transportation).

IMDG/IATA:

No hazardous goods according to IMDG.

1.3. Oransport +a,ard (lasses

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel no.:

IMDG Class (sea):

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

1.4. Pac;aging <roup

ADR/RID:

not applicable

IMDG:

IATA:

1.5. %nviron " ental +a,ards

None

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11.3. Special Precautions for User

Not classified as a dangerous good under transport regulations.

11.4. Transportation in 6ul; according to Annex II of M. RP*) 4§45 and I6 (9 (ode

11.5. -urther Infor " ation

15. Regulatory Information

11.1. Safety/ +ealth and %nviron " ental Regulations!)egislation specific for the Substance or Mixture

Water hazard class:

1, slightly hazardous for water

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

Classification I: 0.05 % organic

11.2. (he " ical Safety . sses " ent

A Chemical Safety Assessment is not necessary for this product.

11. \$. -urther Infor " ation

*EC: This product is in accordance with the requirements of the European Inventory of Existing Chemical Substances (EINECS).
TSCA (USA): All components of this product are listed under the U.S. Toxic Substance Control Act (TSCA) Chemical Inventory.*

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.