

Primecoat Series 47

thermosetting powder coating for outdoor use
polyester

SAFETY DATA SHEET

according to Regulation (EC) No 453/2010 (REACH)

Version 1

Issue date: 20.06.2018

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name	Primecoat Series 47
Product description	Paint
Product type	Powder coating

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

Identified uses	Coating agent
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1.3. Details of the supplier of the safety data sheet

	Primatek Coatings OÜ phone + 372 5671 1136 Kadastiku 29A, 20103 Narva, Estonia
Only Representative	Primatek Est OÜ phone + 372 5671 1128 Kadastiku 29A, 20103 Narva, Estonia
Regional Representative	Primatek Est OÜ phone + 372 5671 1136 Äyrikuja 3, 01670 Vantaa, Finland
Dept. responsible for information	info@primatek.eu
Emergency telephone number	+372 5671 1128

Section 2: Hazards identification

Classification according to EC regulation 1272/2008 (CLP)

2.1. Classification of the substance or mixture

Product definition: Mixture

2.2. Label elements

Signal word: No signal word.

Hazard statements: No known significant effects or critical hazards.

Precautionary statements

General Not applicable

Prevention P261 – Avoid breathing dust

Response Not applicable

Storage Not applicable

Disposal Not applicable

Supplemental label elements For professional use only. Contains isocyanates. May produce an allergic reaction.

2.3. Other hazards

Other hazards which do not result in classification None known.

Section 3: Composition/information on ingredients

Substance/mixture Mixture

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4: First aid measures

4.1. Description of first aid measures

General information First aider: Pay attention to self-protection! Move victim out of danger zone. Put victim at rest, cover with a blanket and keep warm. Do not leave affected person unattended.

In case of inhalation In case of accident by inhalation: remove casualty to fresh air and keep at rest. If you feel unwell, seek medical advice.

In case of skin contact Thoroughly wash skin with soap and water. Do not use solvents or thinners. Remove contaminated clothing.

After eye contact If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 10 minutes. Remove contact lenses, if any. In case of troubles or persistent symptoms, consult an ophthalmologist.

After swallowing Have victim repeatedly drink large amounts of water with activated charcoal. Do not induce vomiting. No administration in cases of unconsciousness or cramps. Rinse mouth immediately and drink plenty of water. Observe

risk of aspiration if vomiting occurs. Get medical advice/attention.

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

Symptoms No known symptoms to date.

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

Information to physician No known symptoms to date.

Section 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media In case of fire: Use water spray, dry powder, foam or carbon dioxide for extinction.

Extinguishing media which must not be used for safety reasons Strong water jet and carbon dioxide gases under pressure.

5.2. Special hazards arising from the substance or mixture

Special protective equipment for firefighters Exposure to fire produces thick, black smoke that is hazardous to health. Do not breathe smoke.

5.3. Advice for firefighters

Special exposure hazards arising from the substance itself, combustion products, resulting gases Wear self-contained breathing apparatus.

Additional information Do not allow fire water to penetrate into surface or ground water.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.

For emergency responders If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2. Environmental precautions

Environmental precautions Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3. Methods and material for containment and cleaning up

Small spill	Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
Large spill	Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

6.4. Reference to other sections

Reference to other sections	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.
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Section 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1. Precautions for safe handling

Precautions should be taken to prevent the formation of dusts in concentrations above flammable, explosive or occupational exposure limits.

Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources.

Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.

Operators should wear antistatic footwear and clothing and floors should be of the conducting type.

Keep away from heat, sparks and flame.

Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this mixture. Avoid inhalation of dust from sanding.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Put on appropriate personal protective equipment (see Section 8).

Always keep in containers made from the same material as the original one.

Comply with the health and safety at work laws.

Do not allow to enter drains or watercourses.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations.

Additional information on storage conditions

Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep container tightly closed.

Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

See Technical Data Sheet / packaging for further information.

7.3 Specific end use(s)

Recommendations	Not available.
Industrial sector specific solutions	Not available.

Section 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1. Exposure controls

Exposure controls	Provide good ventilation and/or an exhaust system in the work area. Occupational exposure limit values: A: respirable fraction ≤ 1.25 mg/m ³ and ≤ 10 mg/m ³ E: inhalable fraction
Respiratory protection	Wear a dust mask, in case of excessive dust. Respiratory protection must be worn whenever the WEL levels have been exceeded.
Hand protection	Wear suitable gloves. Suitable gloves type: Disposable gloves natural latex or Nitrile rubber Category 3 according to DIN EN 374 and DIN EN 420. Observe glove manufacturer's instructions concerning penetrability and breakthrough time. In case of prolonged or frequently repeated skin contact: Protect skin by using skin protective cream.
Eye protection	In case of dust formation: tightly sealed goggles according to EN 166.
Body protection	Wear suitable protective clothing. Avoid contact of neck and wrists with the powder because of possible skin irritations and dermatitis. Wash thoroughly after contact with skin areas.
General protection and hygiene measures	When using do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	
Physical state	Solid. Powder.
Colour	Various.
Odour	Odourless.
Odour threshold	Not applicable.
pH	Not applicable.
Melting point (dust)	85 - 115 °C
Initial boiling point and boiling range	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Fine dust clouds may form explosive mixtures with air.
Lower explosion limit (dust)	30 g/m ³ (EN 14034-3)
Minimum ignition energy (mJ)	10 - 30 (EN 13821)
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	1.2 to 1.5 g/cm ³ (ISO 8130-2/-3)
Solubility (ies)	Insoluble in the following materials: cold water and hot water.

Partition coefficient: n-octanol/ water	Not applicable.
Auto-ignition temperature	>450°C
Decomposition temperature	>230°C
Viscosity	Not applicable.

9.2. Other information

No additional information.

SECTION 10: Stability and reactivity

10.1. Reactivity	No specific test data related to reactivity available for this product or its ingredients.
10.2. Chemical stability	The product is stable.
10.3. Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4. Conditions to avoid	No specific data.
10.5. Incompatible materials	Not applicable.
10.6. Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Thermal decomposition (>200°C) may liberate relatively low concentrations of isocyanates.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the CLP Regulation (EC) No 1272/2008 and is classified for toxicological properties accordingly. See Sections 2 and 3 for details.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Coating powders can cause localised skin irritation in folds of the skin or under tight clothing.

Acute toxicity estimates.

Not available.

Specific target organ toxicity (single exposure).

Not available.

Specific target organ toxicity (repeated exposure).

Not available.

Aspiration hazard.

Not available.

Potential acute health effects:

Eye contact	No known significant effects or critical hazards.
Inhalation	No known significant effects or critical hazards
Skin contact	No known significant effects or critical hazards
Ingestion	No known significant effects or critical hazards

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	No specific data.
Inhalation	No specific data.
Skin contact	No specific data.
Ingestion	No specific data.

Potential chronic health effects

General	No known significant effects or critical hazards
Carcinogenicity	No known significant effects or critical hazards
Mutagenicity	No known significant effects or critical hazards
Teratogenicity	No known significant effects or critical hazards
Developmental effects	No known significant effects or critical hazards
Fertility effects	No known significant effects or critical hazards

SECTION 12: Ecological information

12.1. Toxicity

Conclusion/Summary

12.2. Persistence and degradability

Conclusion/Summary Not available.

12.3. Bioaccumulative potential

Bioaccumulative potential Not available.

12.4. Mobility in soil

Soil/water partition coefficient (K_{oc}) Not available.

Mobility Not available.

12.5. Results of PBT and vPvB assessment

PBT Not applicable.

vPvB Not applicable.

12.6 Other adverse effects No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1. Waste treatment methods

Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

If this product is mixed with other wastes, this code may no longer apply. If mixed with other wastes, the appropriate code should be assigned. For further information, contact your local waste authority.

SECTION 14: Transport information

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

This preparation is not classified as dangerous according to international transport regulations (ADR/RID, IMDG or ICAO/IATA).

14.1. UN number Not regulated.

14.2. UN proper shipping name -

14.3. Transport hazard class(es) -

14.4. Packing group -

14.5. Environmental hazards No.

14.6. Special precautions **Transport within user's premises:** always transport in

for user closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Additional information

ADR / RID

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14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not available.

IMDG Code Segregation group

Not available.

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Substances of very high concern:

None of the components are listed.

Annex XVII – Restrictions on the Not applicable.

manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Other EU regulations

Europe inventory

Not determined.

Black List Chemicals

Not listed

Industrial emissions (integrated pollution prevention and control) - Air

Not listed

Industrial emissions (integrated pollution prevention and control) - Water

Not listed

Chemical Weapons Convention List Schedule I Chemicals

Not listed

Chemical Weapons Convention List Schedule II Chemicals

Not listed

Chemical Weapons Convention List Schedule III Chemicals

Not listed

15.2 Chemical safety assessment

Not applicable.

SECTION 16: Other information

Hazard statements (CLP)	H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects. H302 Harmful if swallowed. H315 Causes skin irritation. H373 May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard). H332 Harmful if inhaled. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.
Further information	The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision.
Literature	For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).
Reason of change	Data changed compared with the previous version.

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