

PRIMECOAT SERIES 77 METALLIC

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 77
Product description	Paint
Product type	Epoxy 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 +372 655 1010 Kadastiku 29A, 21004 Narva, Estonia
Regional Representative	Primatek Coatings Finland Oy phone +358 975 101 101 Teknobulevardi 3-5, 01530 Vantaa, Finland
Dept. responsible for information Emergency telephone number	info@primatek.eu +372 655 1010

Section 2: Hazards identification

Classification according to EC regulation 1272/2008 (CLP)

2.1. Classification of the substance or mixture

Product definition: Mixture. Not classified as dangerous according to 1272/2008.

2.2. Label elements

Signal word: "Warning" sign on the box
Hazard statements: No known significant effects or critical hazards

Precautionary statements

General	Not applicable
Prevention	P261 – Avoid breathing dust
Response	Not applicable
Storage	P.7.1
Disposal	P.13
Supplemental label elements	For professional use only. 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

1.1. Product identifier

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.	Multicomponent disperse systems of solid particles - polyester film-forming base with pigment, filler and targeted additives.

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! In case of any accident move the victim out of danger zone. Do not leave affected person unattended. Seek medical attention if necessary.
In case of inhalation	In case of accident by inhalation: remove casualty to fresh air, take the dirty clothes off 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.

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 spilled material.
Put on appropriate personal protective equipment.
For emergency responders If specialized 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 spilled 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.

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. Respiratory protection is needed.

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 $\leq 1.25 \text{ mg/m}^3$ and $\leq 10 \text{ mg/m}^3$ 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	Slight odour
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)	20 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 1.7 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 for dust-air mixture	>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.

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

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

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 for user	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.
Additional information	
ADR / RID	-
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 manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Not applicable
Other EU regulations	
Europe inventory	Not determined
Black List Chemicals	Not listed

Industrial emissions (integrated pollution prevention and control) Not listed

Air

Industrial emissions (integrated pollution prevention and control) Not listed

Not listed

Water

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 or-gans 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 estab-lished to our best knowledge and was up-to-date at time of revision.

Literature

For abbreviations and acronyms, see: ECHA Guid-ance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbrev-iations).

Reason of change

Data changed compared with the previous version.

Address:
Primatek Coatings OÜ
Kadastiku 29A
21004 Narva, Estonia

Contact:
Phone +372 655 1010
primatek-coatings.com
e-mail info@primatek.eu

Bank details:
Swedbank AS:
EE87 2200 2210 5686 9100