

OP-Coat 550 Part A

Print date 04.09.2025
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Version 1.0 (en)



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

1.1 Product identifier

Trade name/designation OP-Coat 550 Part A
Art-Nr. PU-C-A-550

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

Use of the substance/mixture
resin

1.3 Details of the supplier of the safety data sheet

Supplier

H2N TRADING GmbH
Bgm.-Bombeck-Str. 1
D-22851 Norderstedt
Telephone +49 (0)40 308 598 51
Telefax +49 (0)40 308 598 53
E-mail info@h2n-trading.de
Website www.h2n-trading.de

Department responsible for information:
Telephone +49 (0)40 308 598 51

1.4 Emergency telephone number

H2N TRADING GmbH +49 (0)40 308 598 51
Only available during office hours: Monday to Friday from 9.00
am to 5.00 pm.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Remark

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Precautionary statements

P102 Keep out of reach of children.
P262 Do not get in eyes, on skin, or on clothing.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P501 Dispose of contents/container to a licensed disposal company.

Special rules for supplemental label elements for certain mixtures

EUH210 Safety data sheet available on request.

2.3 Other hazards

Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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SECTION 3: Composition / information on ingredients**3.1 Substances**

not applicable

3.2 Mixtures**Hazardous ingredients**

CAS No	EC No	Index No	Substance name	Concentration	Classification according to Regulation (EC) No 1272/2008 [CLP]	SCL/ M/ ATE
77-99-6	201-074-9		Propylidine trimethanol (impurity)	1 < 1.5 weight-%	Repr. 2; H361fd	
41556-26-7			bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate	> 0.005 < 0.1 weight-%	Skin Sens. 1A; H317 Repr. 2; H361 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Remove contaminated, saturated clothing immediately.

Following inhalation

Provide fresh air.

Following skin contact

After contact with skin, wash immediately with plenty of water and soap.

In case of skin reactions, consult a physician.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water.

Remove contact lenses.

In case of eye irritation consult an ophthalmologist.

Following ingestion

Do NOT induce vomiting.

Rinse mouth immediately and drink plenty of water.

In the event of symptoms seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Dry extinguishing powder

Sand

Carbon dioxide (CO₂)

alcohol resistant foam

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Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In the case of thermal decomposition formation of dangerous gases possible.

Carbon monoxide

Carbon dioxide (CO₂)

Acrolein

Sulphur oxides

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.

Chemical protection suit

Additional information

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Ensure adequate ventilation / exhaustion at the workplace.

Special danger of slipping by leaking/spilling product.

Keep people away and stay on the upwind side.

Avoid skin and eye contact.

Use personal protection equipment.

Do not breathe gas / fumes / vapor / spray.

Use breathing apparatus if exposed to vapors / spray.

6.2 Environmental precautions

Do not seep away runed out product into ground or body of water.

Do not allow to enter into surface water or drains.

If the product contaminates soil, waterways or drains inform the corresponding authorities.

6.3 Methods and material for containment and cleaning up

For containment

Ensure adequate ventilation.

Stam and take up with absorbent material (e.g. sand, soil, vermiculite).

Send in suitable containers for recovery or disposal.

After taking up the material dispose according to regulation.

6.4 Reference to other sections

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

Emergency telephone number: see section 1

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Keep container tightly closed.

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Do not inhale polishing dust.

Protect from heat and direct sunlight.

Keep in a cool, well-ventilated place.

Avoid:

Eye contact

Skin contact

Do not inhale gases/vapours/aerosols.

Advices on general occupational hygiene

Thorough skin-cleansing after handling the product.

Apply skin care products after work.

When using do not eat, drink, smoke, sniff.

Remove contaminated, saturated clothing immediately.

Work in rooms with good ventilation.

Wash hands before breaks and after work.

Use protective skin cream before handling the product.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container.

Keep container tightly closed.

Materials to avoid

Oxidising agent

Acid

alkali

Further information on storage conditions

Store and transport separate of food.

Protect from frost.

Protect from heat and direct solar radiation.

7.3 Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Appropriate engineering controls

Technical measures to prevent exposure

Ensure good ventilation, where necessary use fume hood.

Personal protection equipment

Eye/face protection

safety goggles

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Hand protection

The selection of the suitable gloves does not only depend on different material, but also on further marks of quality and varies from manufacturer to manufacturer.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

Since the product is a preparation of several substances, the resistance of glove materials is only conditionally predictable and must therefore be checked before use.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Body protection:

Impermeable protective clothing

Respiratory protection

Not necessary if the ventilation is sufficient.

Respiratory protection necessary at:

insufficient exhaust

prolonged exposure

Breathing apparatus if sanding dust occurs.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****Physical state**

liquid

Colour

according to product description

Odour

mild

Safety relevant basis data

	Value	Method	Source, Remark
Odour threshold:	not determined		
Melting point/freezing point	not determined		
Boiling point or initial boiling point and boiling range	not determined		
flammability	not determined		
Lower and upper explosion limit	not determined		
Flash point	> 200 °C		
Auto-ignition temperature	not determined		
Decomposition temperature	not determined		
pH	not determined		
Viscosity	dynamic 20000 mPa*s (25°C)		
Solubility(ies)	Water solubility		slightly soluble
Partition coefficient n-octanol/water (log value)	not determined		
Vapour pressure	< 0.01 hPa		
Density and/or relative density	1.8 g/cm ³ (25°C)		
Relative vapour density	not determined		

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	Value	Method	Source, Remark
particle characteristics	not determined		

9.2 Other information**Other information**

see technical data sheet

SECTION 10: Stability and reactivity**10.1 Reactivity**

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Protect from frost, heat and direct sunlight.

10.5 Incompatible materials

Oxidising agent, strong

Acid

Alkali (lye)

10.6 Hazardous decomposition products

Concerning possible decomposition products see section 5.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity****Animal data**

	Effective dose	Method, Evaluation	Source, Remark
Acute oral toxicity	not determined		
Acute dermal toxicity	not determined		
Acute inhalation toxicity	not determined		

Assessment/classification

Based on available data, the classification criteria are not met.

Skin corrosion/irritation**Assessment/classification**

Based on available data, the classification criteria are not met.

Serious eye damage/irritation**Assessment/classification**

Based on available data, the classification criteria are not met.

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Sensitisation to the respiratory tract

Assessment/classification

No known sensitization.

Skin sensitisation

Assessment/classification

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

not determined

Carcinogenicity

not determined

Reproductive toxicity

not determined

STOT-single exposure

STOT SE 1 and 2

Other information

No effects known.

STOT SE 3

Irritation to respiratory tract

Other information

No effect known.

Narcotic effects

Assessment/classification

Not classified

STOT-repeated exposure

Other information

No effects known.

Aspiration hazard

Remark

No classification in terms of aspiration.

11.2 Information on other hazards

Information on other hazards

	Effective dose	Method,Evaluation	Source, Remark
Endocrine disrupting properties		Based on available data, the classification criteria are not met.	

Other information

The product should be handled with the care usual when dealing with chemicals.
Further hazardous properties can not be excluded.

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SECTION 12: Ecological information**12.1 Toxicity****Aquatic toxicity**

	Effective dose	Method,Evaluation	Source, Remark
Acute (short-term) fish toxicity	not determined		
Chronic (long-term) fish toxicity	not determined		
Acute (short-term) toxicity to crustacea	not determined		
Chronic (long-term) toxicity to aquatic invertebrate	not determined		
Acute (short-term) toxicity to algae and cyanobacteria	not determined		
Chronic (long-term) toxicity to aquatic algae and cyanobacteria	not determined		
Toxicity to other aquatic plants/organisms	not determined		
Toxicity to microorganisms	not determined		

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

	Effective dose	Method,Evaluation	Source, Remark
Endocrine disrupting properties		Based on available data, the classification criteria are not met.	

12.7 Other adverse effects**Additional ecotoxicological information****Additional information**

Ecological data for the mixture are not available.
 Discharge into the environment must be avoided.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Waste codes/waste designations according to EWC/AVV**

Waste code product	Waste name
200127 *	paint, inks, adhesives and resins containing hazardous substances
Waste code packaging	Waste name
150102	plastic packaging
150104	metallic packaging

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Appropriate disposal / Product

The waste code number mentioned is only intended as a recommendation.

The used product may have different properties than the unused one. This safety data sheet cannot provide any information on the used product.

Dispose of waste according to applicable legislation.

Dispose of waste according to "Kreislaufwirtschaftsgesetz (KrWG)".

This means that a distinction must be made between "wastes for recycling" and "wastes for disposal". Particular aspects - in the main concerning delivery - are also governed by the German federal states.

Appropriate disposal / Package

Disposal in accordance with local regulations.

Remark

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN number or ID 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

No data available

14.7 Maritime transport in bulk according to IMO instruments

No data available

All transport carriers

No dangerous good in sense of these transport regulations.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No data available

15.2 Chemical Safety Assessment

No data available

SECTION 16: Other information**Indication of changes**

* Data changed compared with the previous version

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Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

CAS: Chemical Abstracts Service
CLP: Classification, Labelling and Packaging
ECHA: European Chemicals Agency
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
REACH: Registration, Evaluation and Authorization of Chemicals
PNEC: Predicted No Effect Concentration
SCL: Specific concentration limit
STOT: Specific Target Organ Toxicity
DNEL: derived no-effect level
EC50: Effective Concentration 50%
IC50: Inhibition Concentration 50 %
LC50: Lethal (fatal) Concentration 50%
LD50: Lethal (fatal) Dose 50%
SVHC: Substance of Very High Concern
PBT: persistent and bioaccumulative and toxic
vPvB: very persistent, very bioaccumulative
WGK: water hazard class
See overview table at www.euphrac.eu
Skin Sens. 1A: Skin sensitizer, Sub-category 1A
Repr. 2: Reproductive toxicant, Category 2
Aquatic Acute 1: Short-term (acute) aquatic hazard, Category 1
Aquatic Chronic 1: Long-term (chronic) aquatic hazard, Category 1

Key literature references and sources for data

Data sheets of the sub-supplier.
European Chemicals Agency (ECHA)
Full text of Hazard Statements in Section 3 (NOT classification of the mixture).
IFA, GESTIS International Limit Values Database

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

The classification of the mixture was carried out following the calculation method according to the CLP Regulation (1272/2008).

Training advice

See technical data sheet for more information.

Additional information

National and local regulations concerning chemicals shall be observed.
The national special regulations must be implemented by each user on his own responsibility!
The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
Please observe the following disclaimer! Our safety data sheets have been compiled according to effective EU directives, WITHOUT taking into account the special national directives concerning the handling of hazardous substances.

Relevant H- and EUH-phrases (Number and full text)

H317	May cause an allergic skin reaction.
H361	Suspected of damaging fertility or the unborn child.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.