

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 01.07.2020

Revision: 01.07.2020

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

- **1.1 Product identifier**
- **Trade name:** HADALAN FMC 57DD
- **Article number:** 40454
- **UFI:** 3Q90-COS4-U00E-KT20
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Filler for decorative floor coatings.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Sievert Baustoffe GmbH & Co. KG
Mühlenschweg 6
D-49090 Osnabrück
Tel.: +49 2363 5663-0
- **Further information obtainable from:**
Abteilung: Produktsicherheit
Tel.. +49 2363 5663-0
info-hahne@sievert.de
- **1.4 Emergency telephone number:**
Giftinformationszentrum Nord (GIZ Nord) Universität Göttingen,
Tel.: 0551-19240

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified, according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 Other hazards**
HADALAN® FMC 57DD does not meet the criteria for PBT and vPvB substances in Annex XIII of the REACh Regulation 1907/2006 / EC.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:**
Dry product composed of cured unsaturated polyester resin as a binder, filler, pigments, and additives.

· **Dangerous components:**

CAS: 21645-51-2	aluminium hydroxide	55-75%
EINECS: 244-492-7		

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· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:**

No special measures required.

There are no special precautions required, nor are there any special instructions for first responders.

· **After inhalation:**

It is recommended to bring the person who was exposed to the substance, from the contaminated area to fresh air. Search when symptoms persist for medical advice.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

No special treatment is necessary. Wash off with water.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Rinse with clean water. If irritation persists, seek medical advice.

· **After swallowing:**

Drink plenty of water and provide fresh air. Call for a doctor immediately.

No special treatment is necessary. Drinking water.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions.

not applicable, product is not flammable

There is no specific extinguishing media needed.

· **5.2 Special hazards arising from the substance or mixture**

HADALAN® FMC 57DD is classified according to UL 94 V0 in class

HADALAN® FMC 57DD is not flammable or explosive. Upon exposure to heat greater CO / CO₂ and small amounts of isocyanates may arise.

· **5.3 Advice for firefighters**

No special fire fighting procedures required. Use an extinguishing agent suitable for the surrounding fire.

· **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid formation of dust. For long-term exposure or very dusty breath a respirator in compliance with national regulations (eg EN 149) is to be used. The wearing of safety glasses and the use of rubber gloves are advantageous.

· **6.2 Environmental precautions:**

No special requirements.

HADALAN® FMC 57DD is classified as not hazardous for water.

· **6.3 Methods and material for containment and cleaning up:**

Avoid dry sweeping. Use water spraying or vacuum cleaning to prevent dust formation.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**

No special measures required.

Avoid unnecessary dust. Locations subject to dust must be equipped with appropriate ventilation systems. In case of insufficient dust of the workplace atmosphere, suitable respiratory protection (149 corresp. To EN). There are gloves according to EN 374 is recommended.

Handle packaged products carefully so that a bursting of the packaging is avoided.

· **Information about fire - and explosion protection:** No special measures required.

· **7.2 Conditions for safe storage, including any incompatibilities**

Minimize dust formation. Avoid drift during loading operations and storage. Keep container closed and store packaged products so that packaging is not damaged.

For paper bags, we recommend storage of a maximum of 2.1 years (because of the stability of the packaging).

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Do not store near acids.

· **Further information about storage conditions:** None.

· **7.3 Specific end use(s)**

No special technical measures or precautions necessary. When mixed with other substances, the information in this MSDS was observed. Additional information can also be found in the Good Practice Guide on Workers Health Protection through Handling and Use of Crystalline Silica and Products included (see Fig. Section 16).

SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Avoid formation of dust.

Use of closed processes and local exhaust ventilation to keep airborne dust concentrations below the permissible exposure limit.

If dust can not be avoided, to be held by venting the dust level below the exposure limits.

Application of organizational measures, for example, by Keep away from people from dusty areas.

Change and wash contaminated clothing.

· **Respiratory protection:**

Exceeding the permissible exposure limits in the workplace a respirator in accordance with European and national regulations eg EN to carry 149.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

People who suffer from dermatitis or have particularly sensitive skin, appropriate protective measures (eg gloves, barrier cream). Wash hands after working. The use of gloves according to EN 374 is advantageous.

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- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Not required.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Not required.

- **Eye protection:** Wear in areas with a risk of eye injury goggles according to EN 166.

- **Limitation and supervision of exposure into the environment**

Avoid wind. Otherwise, no special measures required.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Solid, grainy
Colour:	According to product specification
Odour:	odorless
Odour threshold:	Not determined.

- **pH-value at 20 °C:** 7

- **Change in condition**

Melting point/freezing point:	>350 °C
Initial boiling point and boiling range:	Undetermined.

- **Flash point:** Not applicable.

- **Flammability (solid, gas):** Not determined.

- **Decomposition temperature:** Not determined.

- **Auto-ignition temperature:** Product is not selfigniting.

- **Explosive properties:** Product does not present an explosion hazard.

- **Explosion limits:**

Lower:	Not determined.
Upper:	Not determined.

- **Vapour pressure:** Not applicable.

Density at 20 °C:	1.45 g/cm ³ ca. 1.4 - 1.5 g/ml
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.

- **Solubility in / Miscibility with water at 20 °C:** <10² g/l

- **Partition coefficient: n-octanol/water:** Not determined.

- **Viscosity:**

Dynamic:	Not applicable.
Kinematic:	Not applicable.

- **Solvent content:**

Solids content: 100.0 %

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· **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** Inert product. Not reactive.
- **10.2 Chemical stability** Chemically stable.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
no known hazardous decomposition products.
No release of hazardous decomposition products if used as intended.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Other information (about experimental toxicology):**
On the basis of available data, the classification criteria are not met.
- **Additional toxicological information:** On the basis of available data, the classification criteria are not met.
- **Toxicokinetics, metabolism and distribution**
On the basis of available data, the classification criteria are not met.
- **Acute effects (acute toxicity, irritation and corrosivity)**
On the basis of available data, the classification criteria are not met.
- **Repeated dose toxicity** On the basis of available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** negligible
- **Additional ecological information:**
- **General notes:**
No known water hazard.
This material is classified as hazardous waste according to Commission Decisions 2000/532 / EC and 2001/118 / EC. Removal from wastewater by sedimentation. Quartz is classified as not hazardous within the meaning of paragraph §19g. 5 WHG (code no. 765).
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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· **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**· **Recommendation**

After solidification in consultation with the regional waste disposal company, it can be used as household waste-like commercial waste to be disposed of.

Remains of the product must be checked for reusability. Product residues are to be packed and closed mark. The disposal of product residues and packaging should be carried out by specialist companies become. when disposing within the EU, the applicable waste code is the European one

List of waste (EAV) - according to the decision of the Commission - 2001/118 / EG <http://eur-lex.europa.eu/de/>

to use index.htm. Among other things, it is the task of the waste generator to process its waste in an industry and

to assign process-specific waste codes according to the European Waste Catalog (EAV). To

At the current state of knowledge, this product is not considered hazardous waste in the sense of the EU directive

91/689 / EEC, Official Journal L377 / 1991.

· **European waste catalogue**

12 01 05	plastics shavings and turnings
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· **Uncleaned packaging:**· **Recommendation:**

Avoid dust formation from residues in packaging. Ensure suitable worker protection.

Store used packaging in enclosed receptacles.

Recycling and disposal of packaging materials must erfolgen in accordance with local regulations.

Packaging material used repeatedly. Recycling and disposal of packaging materials should be performed by a certified disposal company.

SECTION 14: Transport information

· **14.1 UN-Number**

· ADR, ADN, IMDG, IATA	Void
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· **14.2 UN proper shipping name**

· ADR, ADN, IMDG, IATA	Void
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· **14.3 Transport hazard class(es)**

· ADR, ADN, IMDG, IATA	Void
· Class	

· **14.4 Packing group**

· ADR, IMDG, IATA	Void
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· **14.5 Environmental hazards:**

Not applicable.

· **14.6 Special precautions for user**

Not applicable.

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

Not applicable.

· **Transport/Additional information:**

Not classified as dangerous in the meaning of transport regulations.
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· UN "Model Regulation": Void

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
HADALAN® FMC 57DD is due to us vorliegender data not dangerous within the meaning of Directives 67/548 / EEC and EC 1272/2008.
Exempted from REACH registration requirements in accordance with Article 2; Para. (9), Title II and VI.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **National regulations:**
- **Waterhazard class:** Generally not hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

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