

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** Saphira Coating Calendering  
SUT1.HTW8731-60  
**Revision date :** 16.07.2015  
**Print date :** 22/08/2016

**Version (Revision) :** 1.0.25 (1.0.24)

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

### 1.1 Product identifier

W8731-60 (Saphira Coating Calendering  
SUT1.HTW8731-60)

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

#### Relevant identified uses

##### Product Categories [PC]

PC9 - Coatings and paints, fillers, putties, thinners

##### Sector of uses [SU]

SU3A - Industrial uses

#### Uses advised against

Do not use for private purposes (household).

### 1.3 Details of the supplier of the safety data sheet

#### Supplier (manufacturer/importer/only representative/downstream user/distributor)

Hi-Tech Coatings International BV  
De Corantijn 12  
1689 AP Zwaag  
The Netherlands

Hi-Tech Coatings International Limited  
Unit 7 Premus  
Coldharbour Way  
Brunel Park  
Aylesbury  
Bucks HP 19 8AP  
United Kingdom

### 1.4 Emergency telephone number

**E-Mail:** info@hitechcoatings.net

Giftnotruf, Telefonische ärztliche Hilfe rund um die Uhr Telefon: Berlin +49 30 192 40 (24hrs) Bonn +49 228 192 40 (24hrs) Erfurt +49 361 730 730 (24hrs) Freiburg +49 761 192 40 (24hrs) Goettingen +49 551 192 40 (24hrs) Homburg (Saar) +49 6841 192 40 (24hrs) Mainz +49 6131 192 40 (24hrs) Munich +49 89 192 40 (24hrs)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Irrit. 2 ; H319 - Serious eye damage/eye irritation : Category 2A ; Causes serious eye irritation.

### 2.2 Label elements

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

##### Hazard pictograms



Exclamation mark (GHS07)

##### Signal word

Warning

##### Hazard statements

H319 Causes serious eye irritation.

##### Precautionary statements

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** Saphira Coating Calendering  
SUT1.HTW8731-60  
**Revision date :** 16.07.2015  
**Print date :** 22/08/2016

**Version (Revision) :** 1.0.25 (1.0.24)

P264	Wash thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P337+P313	If eye irritation persists: Get medical advice/attention.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## 2.3 Other hazards

None

## SECTION 3: Composition / information on ingredients

### 3.2 Mixtures

#### Hazardous ingredients

DOCUSATE SODIUM ; EC No. : 209-406-4; CAS No. : 577-11-7

Weight fraction :  $\geq 2.5 - < 7 \%$

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Skin Irrit. 2 ; H315

#### Additional information

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### Following inhalation

No special measures are necessary. In case of respiratory tract irritation, consult a physician.

#### In case of skin contact

Wash immediately with: Water Subsequently wash off with: Water and soap

#### After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

#### After ingestion

Rinse mouth thoroughly with water. No known symptoms to date.

#### Information to physician

##### Treatment

No known symptoms to date.

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

No known symptoms to date.

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

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Suitable extinguishing media ABC-powder Carbon dioxide (CO<sub>2</sub>) Full water jet alcohol resistant foam

### 5.2 Special hazards arising from the substance or mixture

None

### 5.3 Advice for firefighters

#### Special protective equipment for firefighters

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** Saphira Coating Calendering  
SUT1.HTW8731-60  
**Revision date :** 16.07.2015  
**Print date :** 22/08/2016

**Version (Revision) :** 1.0.25 (1.0.24)

Use suitable breathing apparatus. Protective clothing.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. See protective measures under point 7 and 8.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

### 6.3 Methods and material for containment and cleaning up

#### For cleaning up

Use approved industrial vacuum cleaner for removal. Wipe up with absorbent material (eg. cloth, fleece). Suitable material for taking up: Sand Kieselguhr Universal binder Sawdust

#### Other information

Clear spills immediately.

### 6.4 Reference to other sections

Safe handling: see section 7 Disposal: see section 13 Personal protection equipment: see section 8

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Protective measures

Not useable after freezing. Always close containers tightly after the removal of product. If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

#### Measures to prevent fire

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

#### Measures to prevent aerosol and dust generation

Vapours/aerosols must be exhausted directly at the point of origin.

### 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.

#### Hints on joint storage

**Storage class :** 12

**Storage class (TRGS 510) :** 12

### 7.3 Specific end use(s)

#### Recommendation

Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls

#### Personal protection equipment



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Saphira Coating Calendering  
SUT1.HTW8731-60  
Revision date : 16.07.2015  
Print date : 22/08/2016

Version (Revision) : 1.0.25 (1.0.24)

## Eye/face protection

### Suitable eye protection

Eye glasses with side protection

## Skin protection

### Hand protection

Suitable gloves type : DIN EN 374

Suitable material : NBR (Nitrile rubber)

Breakthrough time (maximum wearing time) : 240 min.

Thickness of the glove material 0,4mm : Thickness of the glove material 0,4mm

## Respiratory protection

### Suitable respiratory protection apparatus

Usually no personal respirative protection necessary.

## General health and safety measures

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes. Wash hands before breaks and after work. Immediately remove any contaminated clothing, shoes or stockings. Wash contaminated clothing prior to re-use.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : white

Odour : characteristic

#### Safety relevant basis data

Melting point/melting range :		No data available	
Freezing point :	<	0	°C
Initial boiling point and boiling range :	( 1013 hPa ) >	100	°C
Decomposition temperature :		not applicable	
Flash point :		not applicable	
Ignition temperature :		not applicable	
Lower explosion limit :		not applicable	
Upper explosion limit :		not applicable	
Density :	( 20 °C )	1 - 1.1	g/cm <sup>3</sup>
Water solubility :	( 20 °C )	100	Wt %
pH :		7.3 - 9	
Flow time :	( 20 °C )	30 - 90	s DIN-cup 4 mm
Solid content :	ca.	38.6	Wt %
Odour threshold :		not determined	
Evaporation rate :		No data available	
Maximum VOC content (EC) :	<=	1.2	Wt %

### 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

The mixture is chemically stable under recommended conditions of storage, use and temperature.

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** Saphira Coating Calendering  
SUT1.HTW8731-60  
**Revision date :** 16.07.2015  
**Print date :** 22/08/2016

**Version (Revision) :** 1.0.25 (1.0.24)

## 10.3 Possibility of hazardous reactions

No information available.

## 10.4 Conditions to avoid

No information available.

## 10.5 Incompatible materials

No information available.

## 10.6 Hazardous decomposition products

No information available.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute effects

##### Acute oral toxicity

Parameter : LD50 ( DOCUSATE SODIUM ; CAS No. : 577-11-7 )  
Exposure route : Oral  
Species : Rat  
Effective dose : 3000 mg/kg

#### Irritant and corrosive effects

##### Irritation to eyes

Assessment/classification slightly irritant Irritation to eyes

#### Sensitisation

##### In case of skin contact

In case of skin contact Practical experience/human evidence. slightly irritant

##### In case of inhalation

In case of inhalation not sensitising.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity

##### Acute (short-term) algae toxicity

Parameter : ErC50 ( DOCUSATE SODIUM ; CAS No. : 577-11-7 )  
Species : Algae  
Effective dose : 82.5 mg/l  
Parameter : EC50 ( DOCUSATE SODIUM ; CAS No. : 577-11-7 )  
Species : Daphnia magna (Big water flea)  
Effective dose : 6.6 mg/l

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

No information available.

### 12.6 Other adverse effects

No information available.

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** Saphira Coating Calendering  
SUT1.HTW8731-60  
**Revision date :** 16.07.2015  
**Print date :** 22/08/2016

**Version (Revision) :** 1.0.25 (1.0.24)

## 12.7 Additional ecotoxicological information

None

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Delivery to an approved waste disposal company.

#### Product/Packaging disposal

##### Waste codes/waste designations according to EWC/AVV

Waste codes/waste designations according to EWC/AVV List of proposed waste codes/waste designations in accordance with EWC

##### Waste treatment options

###### Appropriate disposal / Product

Dispose of waste according to applicable legislation.

### 13.2 Additional information

Additional information Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

### 14.1 UN number

No dangerous goods in sense of this transport regulation.

### 14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

### 14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

### 14.4 Packing group

No dangerous goods in sense of this transport regulation.

### 14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

### 14.6 Special precautions for user

None

## SECTION 15: Regulatory information

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

#### National regulations

##### Technische Anleitung Luft (TA-Luft)

Weight fraction (Number 5.2.5. I) : < 5 %

##### Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

##### Other regulations, restrictions and prohibition regulations

##### Betriebssicherheitsverordnung (BetrSichV)

No flammable liquid according to BetrSichV.

### 15.2 Chemical Safety Assessment

No information available.

## SECTION 16: Other information

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** Saphira Coating Calendering  
SUT1.HTW8731-60

**Revision date :** 16.07.2015

**Print date :** 22/08/2016

**Version (Revision) :** 1.0.25 (1.0.24)

### 16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 03. Hazardous ingredients · 08. Occupational exposure limit values · 15. Technische Anleitung Luft (TA-Luft)

### 16.2 Abbreviations and acronyms

ADR = European Agreement concerning the International Carriage of Dangerous Goods by Road  
ASTM = American Society of Testing and Materials (US)  
CAS No = Chemical Abstracts Service Number (see ACS - American Chemical Society)  
DNEL = Derived No-Effect Level  
DT50 = Time for 50% loss; half-life  
EbC50 = Median effective concentration (biomass, e.g. of algae)  
EC50 = Median effective concentration  
EINECS = European Inventory of Existing Commercial Chemical Substances  
ELINCS = European List of Notified (New) Chemicals (see Tab 7, Background - Guide)  
ErC50 = Median effective concentration (growth rate, e.g. of algae)  
EWC = European Waste Catalogue  
IATA = International Air Transport Association  
IC50 = Concentration that produces 50% inhibition  
IMDG = International Maritime Dangerous Goods Code  
IMO = International Maritime Organization  
LC50 = Concentration required to kill 50% of test organisms  
LD50 = Dose required to kill 50% of test organisms  
LEL = Lower Explosive Limit/Lower Explosion Limit  
LOAEL = Lowest observed adverse effect level  
MRL = Maximum Residue Limit  
NOAEL = No Observed Adverse Effect Level  
NOEC = No observed effect concentration  
NOEL = No Observable Effect Level  
OEL = Occupational Exposure Limits  
PBT = Persistent, Bioaccumulative or Toxic  
PNEC = Previsible Non Effect Concentration  
STEL = Short-Term Exposure Limit  
TWA = Time-Weighted Average  
vPvB = Very Persistent and Very Bioaccumulative

### 16.3 Key literature references and sources for data

None

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

No information available.

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

H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

### 16.6 Training advice

None

### 16.7 Additional information

None

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.

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** Saphira Coating Calendering  
SUT1.HTW8731-60  
**Revision date :** 16.07.2015  
**Print date :** 22/08/2016

**Version (Revision) :** 1.0.25 (1.0.24)

---

---