

Safety Data Sheet

according to Regulation (EC) No 1907/2006

IL Jacobi Harmony white

Revision date: 23.11.2018

Product code: 8510102380000

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a physician immediately.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician immediately.

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

Treat symptomatically.

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

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon dioxide (CO₂). Carbon monoxide, Gases/vapours, toxic

5.3. Advice for firefighters

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

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.

Additional information

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

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

For containment Sand Sawdust Universal binder

6.4. Reference to other sections

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

Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray. When using do not eat, drink, smoke, sniff.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Always close containers tightly after the removal of product.

Hints on joint storage

Do not store together with: Acid alkali

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Further information on storage conditions

Keep/Store only in original container. Protect against direct sunlight. Avoid cooling down below 10°C.

7.3. Specific end use(s)

Colour

SECTION 8: Exposure controls/personal protection
8.1. Control parameters
Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1317-65-3	Calcium carbonate, respirable	-	4		TWA (8 h)	WEL
1332-58-7	Kaolin respirable dust	-	2		TWA (8 h)	WEL
13463-67-7	Titanium dioxide, respirable	-	4		TWA (8 h)	WEL

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
13463-67-7	titanium dioxide			
Worker DNEL, long-term		inhalation	local	10
Consumer DNEL, long-term		oral	systemic	700
1312-76-1	silicic acid, potassium salt MVZ > 3,2			
Worker, long-term		dermal		1,49 mg/kg bw/day
Worker, long-term		inhalation		5,61 mg/m ³
Consumer, long-term		dermal		0,74 mg/kg bw/day
Consumer, long-term		inhalation		1,38 mg/m ³
Consumer, long-term		oral		0,74 mg/kg bw/day

PNEC values

CAS No	Substance	Value
	Environmental compartment	
13463-67-7	titanium dioxide	
Freshwater		0,127 mg/l
Freshwater (intermittent releases)		0,61 mg/l
Marine water		1 mg/l
Freshwater sediment		1000 mg/kg
Marine sediment		100 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		100 mg/kg
1312-76-1	silicic acid, potassium salt MVZ > 3,2	
Freshwater		7,5 mg/l

8.2. Exposure controls
Appropriate engineering controls

Provide adequate ventilation.

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Protective and hygiene measures

Provide fresh air.

Eye/face protection

Wear eye/face protection.

Wear protective glasses during application with a spray gun.

Hand protection

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. Replace when worn.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. See information supplied by the manufacturer.

Suitable material: NBR (Nitrile rubber) If necessary, use under-gloves made of cotton.

Breakthrough time (maximum wearing time): >480 min.

Thickness of the glove material: >0,5 mm

Skin protection

For airless spray application: disposable overalls. Use protective skin cream before handling the product.

Respiratory protection

Respiratory protection necessary at: spray application. particle filter P2 (white)

Environmental exposure controls

Do not allow to enter into surface water or drains.

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

Physical state:	Liquid
Colour:	white
Odour:	sweetish
pH-Value:	11,0 - 11,5

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	120 °C
Sublimation point:	not applicable
Softening point:	not applicable
Pour point:	not applicable
Flash point:	na
Sustaining combustion:	No data available

Flammability

Solid:	not applicable
Gas:	not applicable
Lower explosion limits:	not applicable
Upper explosion limits:	not applicable
Ignition temperature:	not applicable

Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable
Vapour pressure:	not determined
Density:	1,57 g/cm ³
Water solubility:	not determined

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Viscosity / kinematic: na
 Flow time: na
 Solvent content: 0,13 %, water: 38,50 %

9.2. Other information

none

SECTION 10: Stability and reactivity

10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Exothermic reaction with: Oxidising agent, Strong acid, Strong alkali

10.4. Conditions to avoid

Do not dry up the product. Avoid heat and frost.

10.5. Incompatible materials

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon dioxide (CO₂). Carbon monoxide Nitrogen oxides (NO_x)

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
1312-76-1	silicic acid, potassium salt MVZ > 3,2				
	oral	LD50 >2000 mg/kg	Rat		

Irritation and corrosivity

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Further information

This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

SECTION 12: Ecological information

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12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

Further informationThere are no data available on the mixture itself.
Do not allow to enter into surface water or drains.**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Dried out material residue can be disposed of with household waste. For liquid material residue, contact your local waste collection provider.

Waste disposal number of waste from residues/unused products

080112 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish other than those mentioned in 08 01 11

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of. Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

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14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

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

2004/42/EC (VOC): 0,25 % (3,925 g/l)

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 2,7,9,15.

Abbreviations and acronyms

EWG - Europäische Wirtschaftsgemeinschaft; EG - Europäische Gemeinschaft; CLP- Regulation on Classification, Labelling and Packaging of Substances and Mixtures; TRGS - Technische Regeln für Gefahrstoffe; PBT - persistenter bioakkumulierbarer und toxischer Stoff; vPvB - very persistent very bioaccumulative; REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals; VOC - Flüchtige organische Verbindung WGK - Wassergefährdungsklasse

Relevant H and EUH statements (number and full text)

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)