

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ARTI-Spielwaren-Beize

Revision date: 20.05.2015

Product code: 786

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

1.1. Product identifier

ARTI-Spielwaren-Beize

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

Use of the substance/mixture

Colouring agent, dyestuff

Colouring agent, pigment

1.3. Details of the supplier of the safety data sheet

Company name:	Sherwin Williams Deutschland GmbH	
Street:	Paul-Gerhardt-Straße 31	
Place:	D-42389 Wuppertal	
Telephone:	+49 202 5747 0	Telefax: +49 202 555182
e-mail:	office@arti.de	
Contact person:	Matthias Korosec	Telephone: +49 202 5747 202
e-mail:	matthias.korosec@sherwin.com	
Internet:	www.arti.de	
Responsible Department:	Labor	

This number is serviced during office hours.: Mo-Fr (07:00 - 16:00 Uhr)
office +49 202 5747 0

1.4. Emergency telephone number:

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Respiratory or skin sensitisation: Skin Sens. 1

Hazard Statements:

May cause an allergic skin reaction.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one

2-Methyl-3(2H)-isothiazolon

Signal word: Warning

Pictograms:



Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

SECTION 3: Composition/information on ingredients

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3.2. Mixtures**Chemical characterization**

Powder

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one			< 0 %
	220-120-9	613-088-00-6		
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400			
2682-20-4	2-Methyl-3(2H)-isothiazolon			< 0 %
	220-239-6			
	Acute Tox. 3, Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, STOT SE 3, Aquatic Acute 1 (M-Factor = 10); H331 H302 H314 H317 H335 H400			

Full text of H and EUH statements: see section 16.

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

First aider: Pay attention to self-protection! Move victim out of danger zone. Seek medical advice.

After inhalation

Provide fresh air. In case of breathing difficulties administer oxygen. No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator. Call a physician immediately.

After contact with skin

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Medical treatment necessary. Do NOT induce vomiting.

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

Carbon dioxide (CO2). Foam. Extinguishing powder.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Burning produces heavy smoke. In case of fire and/or explosion do not breathe fumes.

5.3. Advice for firefighters

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

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface

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water or drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Explosion hazard.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean with detergents. Avoid solvent cleaners.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Further information on handling

People who suffer from skins problems, asthma, allergies, chronic or recurring respiratory illnesses must not be deployed in processes, which use this substance.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Keep container in a well-ventilated place.

Advice on storage compatibility

Do not store together with: Material, rich in oxygen, oxidizing.

Further information on storage conditions

Recommended storage temperature: of °C: 5 up to °C: 30

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1332-58-7	Kaolin respirable dust	-	2		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

8.2. Exposure controls

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

Eye/face protection

Suitable eye protection: Tightly sealed safety glasses.

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Hand protection

Tested protective gloves are to be worn: Suitable material: Butyl rubber. penetration time (maximum wearing period): > 480 min. Thickness of glove material: > 0,4 mm. German Industry Norms (DIN) / European Norms (EN): DIN EN 374 Before using check leak tightness / impermeability. Breakthrough times and swelling properties of the material must be taken into consideration.

Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes). Required properties: antistatic. heat-resistant.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Suitable respiratory protective equipment: Protective respiration apparatus not using surrounding air (breathing apparatus) (DIN EN 133).

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

Physical state:	Powder
Colour:	red
Odour:	characteristic

Changes in the physical state

Flash point:	not applicable
Lower explosion limits:	
Upper explosion limits:	
Density (at 20 °C):	1,038 g/cm ³
Water solubility: (at 20 °C)	partially soluble
Flow time: (at 20 °C)	0 s
Solvent separation test:	< 3% ADR/RID

9.2. Other information

Solid content:	100,00 %
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SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

Keep away from heat. Ignition hazard.

10.5. Incompatible materials

Alkalis (alkalis). Acid. Oxidizing agents.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide. Nitrogen oxides (NO_x). Hydrochloric gas.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

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Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
2634-33-5	1,2-benzisothiazol-3(2H)-one, 1,2-benzisothiazolin-3-one				
	oral	ATE 500 mg/kg			
2682-20-4	2-Methyl-3(2H)-isothiazolon				
	oral	LD50 4700 mg/kg	Ratte		
	dermal	LD50 5000 mg/kg	Ratte		
	inhalative (4 h) vapour	LC50 1-5 mg/l	Ratte		
	inhalative aerosol	ATE 0.5 mg/l			

Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

Further information

Preparation not tested. Classification according to directive 67/548/EEC or 1999/45/EC: The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC). The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
2682-20-4	2-Methyl-3(2H)-isothiazolon					
	Acute fish toxicity	LC50 0,07 mg/l	96 h			
	Acute crustacea toxicity	EC50 0,056 mg/l	48 h			
	Acute bacteria toxicity	(2,8 mg/l)	3 h			

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation. Completely emptied packings can be re-cycled.

Waste disposal number of used product

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

SECTION 14: Transport information

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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.

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

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

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

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

SECTION 16: Other information**Relevant H and EUH statements (number and full text)**

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.

Further Information

Data arise from reference works and literature. During mixing, observe all labels and safety data sheets of all the components.

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