



SAFETY DATA SHEET

SPEEDPAINT

Safety data sheet according to European Parliament and Council Regulation (EC) No. 1907/2006 (REACH) and Commission Regulation (EU) 2020/878.

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

1.1 Product identifier	Product name Speedpaint	UFI 0800-X0AA-2004-TK6N
1.2 Relevant identified uses of the substance or mixture and uses advised against	Relevant uses For consumer and professional use [SU 21, SU 22]. PC-ART-1: Artists', craft and hobby paints Uses advised against For cosmetic applications and other uses, where the product remains on the skin, for example moisturizer and face paint for children.	
1.3 Details of the supplier of the safety data sheet	The Army Painter ApS Christiansmindevej 12 DK-8660 Skanderborg Denmark Phone: +45 28911656 contact@thearmypainter.com	
1.4 Emergency telephone number	18001 111 (UK NHS 111, 24 h-service) 0344 892 0111 (UK NPIS, for health professionals only)	

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture	Classification of this product has been carried out in accordance with Regulation (EC) No 1272/2008 [CLP], as retained and amended in UK law. The product is not classified as hazardous.
2.2 Label elements	Labelling according to Regulation (EC) No 1272/2008 [CLP]: Signal words Not applicable. Hazard statements Not applicable. Precautionary statements Not applicable. Additional hazard information EUH208: Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

2.3 Other hazards

This product contains no components considered to be persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

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

Not relevant as the product is a mixture.

3.2 Mixtures

Aqueous mixture composed of additives, aggregates, pigments and resins.

In accordance with Annex II, section 3 of Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH), as retained and amended in UK law, the product contains the following regulated components:

Component	Identifiers	% (v/v)	Classification	Note
Amorphous silica	CAS: 112945-52-5 EC: 601-216-3 REACH: 01-2119379499-16-XXXX Index: -	1-2.5%	Eye Irrit. 2: H319 Skin Irrit. 2: H315 STOT SE 3: H335	^A
Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS: 55965-84-9 EC: 911-418-6 REACH: - Index: -	<0.0015%	EUH071 Acute Tox. 3, H301 Acute Tox. 2, H310 Skin Corr. 1C, H314 (SCL: 0.60 %) Skin Irrit. 2, H315 (SCL: 0.06 %) Skin Sens. 1A, H317 (SCL: 0.0015 %) Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)	^A

^A The substance is classified as a physical, health or environmental hazard

^B The substance has an occupational limit value

^C The substance meets the criteria for PBT or vPvB according to EC No. 1907/2006, Annex XIII

^D The substance appears on the EU candidate list of particularly problematic substances

Additional information:

For full text of H- and EUH-statements, see Section 16.

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

The symptoms of a poisoning may appear long after exposure. Therefore, in case of doubt about direct exposure to the product or in case of continued malaise, seek medical attention immediately and present the product safety data sheet.

In case of inhalation

The affected person should be removed from the exposure area and have fresh air. Seek medical attention if symptoms worsen or persist.

In case of ingestion

If swallowed, rinse mouth thoroughly with water. Do not induce vomiting if the person is unconscious. In case of natural vomiting, the person should lean forward to reduce the risk of suffocation - continue rinsing with water.

In case of contact with skin

In case of contact, it is recommended to clean the affected area with water and neutral soap. DO NOT use solvents or thinners. Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. If skin irritation occurs: Get medical advice/attention.

In case of contact with eyes

Rinse eyes with plenty of lukewarm water or saline water, and avoid rubbing or closing the affected person's eyes. In case the affected person wears contact lenses, they should be removed unless they are glued to the eyes. Seek medical assistance and continue flushing during transport.

In case of burns

Not applicable.

4.2 Most important symptoms and effects, both acute and delayed

May cause slight irritation by prolonged contact with skin. In already sensitized individuals, the product may result in allergic contact dermatitis derived from isothiazolinones exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment should be symptomatic. Contact a doctor or emergency room immediately if large amounts have been ingested or inhaled.

Notes for the doctor

None.

SECTION 5: Firefighting measures

5.1 Extinguishing media



Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media

Waterjets should not be used, since they may spread the fire.

5.2 Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

Hazardous combustion products

Carbon dioxide (CO₂), carbon monoxide and other organic compounds.

5.3 Advice for firefighters

Fire fighters should wear appropriate personal protective equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Absorb or adsorb the spillage using an oleophilic sorbent (e.g. sand), and place it in a container for recycling or disposal.

For emergency responders

In the event of large-scale unintentional release, the area must be evacuated with the exception of required personnel. In case of smoke development: Stand on the windward side, avoid low-lying areas and ventilate closed areas before re-entering. Wear suitable personal protective equipment (see Section 8, if applicable).

6.2 Environmental precautions

Dispose of spills and the resulting waste in accordance with applicable environmental regulations. The product and the resulting waste must not be discharged into sewers, soil, surface or ground water. Notify the respective authorities in accordance with local legislation in the event of a major release.

6.3 Methods and material for containment and cleaning up

For containment

Prevent the product from entering sewers or waterways by covering drains or placing barriers. Stop the discharge if it is safe to do so. Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in suitable container for disposal, according to local regulations.

For cleaning up

Scrub the spill area with detergent and water; collect all contaminated wash water for proper disposal. Avoid use of solvents.

Other information

Ventilate and wash the spill site thoroughly. Wear appropriate personal protective equipment.

6.4 Reference to other sections

For more information, see Sections 8 (protective equipment) and 13 (disposal).

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Technical measures

Handle the product in a clean environment free of dirt and dust. Avoid contamination with incompatible materials. When the product is handled for longer periods, suitable personal protective equipment, e.g. gloves, must be used. Protect the product from physical damage; avoid pulling, rolling, sliding or dropping the product. Do not remove or deface labels provided by the supplier to identify the contents. Ensure adequate ventilation.

See Section 10 for conditions and materials that should be avoided.

Measures to prevent fire

None identified. The product is not flammable.

Measures to prevent aerosol and dust generation

None identified. The product is a liquid.

Measures to protect the environment

The product should preferably be handled in a contained area and away from drains and sewers. It is recommended to have a sewer cover and absorbent material available near the product.

Advice on general occupational hygiene

Do not eat or drink while handling the product. Wash hands with soap and water after use. Avoid contact with food.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Store dry in tightly closed containers protected from sunlight. Store at below 25 °C. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Packaging material

The product should preferably be kept in its original packaging. Always store in containers of the same material as the original container.

Requirements for storage rooms and vessels

No requirements identified.

Storage class

TRGS 510: Storage class 10.

7.3 Specific end use(s)

This product should only be used for the relevant uses quoted in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits (OEL)

There are no applicable occupational exposure limits for the substances contained in the product.

DN(M)EL

No data available.

PNEC

No data available.

8.2 Exposure controls

Appropriate engineering controls



Apply standard precautions during use of the product. Avoid inhalation of vapours. In between use of the product and at the end of the working day, all exposed areas of the

body must be washed thoroughly. Always wash hands, forearms and face.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using the toilet. Remove soiled clothing immediately and wash thoroughly before reuse.

Personal protection equipment

As a preventative measure it is recommended to use basic personal protective equipment, with the corresponding UKCA marking.

Pictogram	Equipment	Marking	CEN standards	Remarks
	Protective gloves against minor risks		-	Replace the gloves if there are signs of damage. During periods when workers are exposed to a long-term exposure to the product, it is recommended to use CE-III gloves in accordance with the guidelines EN 420:2004 + A1:2010 and EN ISO 374-1:2016 + A1:2018.

Environmental exposure controls

No specific requirements.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical and chemical properties

(a) Physical state:	Liquid, paste
(b) Colour:	Miscellaneous
(c) Odour:	Not determined
(d) Melting point/freezing point:	Not determined
(e) Boiling point:	101 °C
(f) Flammability:	Not applicable
(g) Lower and upper explosion limit:	Not determined
(h) Flash point:	62 °C
(i) Auto-ignition temperature:	204 °C
(j) Decomposition temperature:	> 150 °C
(k) pH:	8.5 – 9.5
(l) Kinematic viscosity:	Not determined
(m) Solubility:	Miscible in water
(n) Partition coefficient: n-octanol/water:	Not applicable for mixtures
(o) Vapour pressure:	2379 Pa (at 20 °C), 12492 Pa (at 50 °C)
(p) Density:	1036 kg/m ³
(q) Relative vapour density:	1,03 – 1,04
(r) Particle characteristics:	Not applicable for liquids

9.2 Other information

Information with regard to physical hazard classes

(s) Explosive properties:	The mixture is not classified as explosive.
(t) Oxidising properties:	The mixture is not classified as oxidizing.
(u) Corrosive to metals:	The mixture is not classified as corrosive to metals.

Other safety characteristics

No other relevant safety characteristics.

SECTION 10: Stability and reactivity

10.1 Reactivity

Dangerous reactions are not expected if the technical instructions for storage of chemical substances are observed. See Section 7.

10.2 Chemical stability

The product is stable under normal temperature and general working conditions.

10.3 Possibility of hazardous reactions

The product can react violently with strong bases, acids and oxidizing agents.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

Avoid contact with strong reducing agents, acids, alkalis, sulfur, chlorates, chlorides, chromates, nitrites and permanganates.

10.6 Hazardous decomposition products

Under normal storage conditions (Section 7.2) and use (Section 1.2), no dangerous decomposition products are produced. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

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

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

Oral (LD ₅₀)	Inhalation (LC ₅₀)	Dermal (LD ₅₀)
Amorphous silica (CAS-no. 112945-52-5)		
10 g/kg bw (rat)	No data	5.1 g/kg (rabbit)
Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CAS-no. 55965-84-9)		
49.6-75 mg/kg bw (rat)	0,33 mg/L, 4 h aerosol (rat)	141 mg/kg (rabbit)

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.

Species	Exposure route	Time	Test	Results
Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CAS-no. 55965-84-9)				
Guinea pig	Skin	-	OECD 406	Sensitising

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.

11.2 Information on other hazards**Endocrine disrupting properties**

None known.

Other information

None known.

SECTION 12: Ecological information**12.1 Toxicity**

Results	
Amorphous silica (CAS-no. 112945-52-5)	
Short-term toxicity to fish LC ₅₀ (96 h) 10 g/L	Long-term toxicity to fish Unknown

Short-term toxicity to aquatic invertebrates EC ₅₀ (24 h) 10 g/L	Long-term toxicity to aquatic invertebrates Unknown
Toxicity to aquatic algae and cyanobacteria Unknown	Toxicity to microorganisms Unknown
Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CAS-no. 55965-84-9)	
Short-term toxicity to fish Unknown	Long-term toxicity to fish Unknown
Short-term toxicity to aquatic invertebrates Unknown	Long-term toxicity to aquatic invertebrates Unknown
Toxicity to aquatic algae and cyanobacteria EC ₅₀ (72 h) 0,027 mg/L	Toxicity to microorganisms Unknown

12.2 Information on other hazards

BOD ₅	COD	Biodegradable
Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CAS-no. 55965-84-9)		
No data	No data	Yes (>60%)

12.3 Bioaccumulative potential

BCF	LogPow	Bioaccumulative potential
Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (CAS-no. 55965-84-9)		
3.6	No data	None

12.4 Mobility in soil

Koc	Surface tension	Henry's constant
No data	No data	No data

12.5 Results of PBT and vPvB assessment

This substance contains no components considered to be persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

The product does not contain any components with known endocrine-disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in a concentration of 0.1% or higher.

12.7 Other adverse effects

None known.

12.8 Additional information

No further information.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Disposal of the product/packaging**

Unused product and cleaned packaging must be disposed of in accordance with Directives 2008/98/EC and 2014/955/EU on waste as retained and amended in UK law. Dispose of at an approved waste treatment plant, possibly via the municipal collection scheme. Avoid release to the environment.

Waste codes

Classification according to the European waste catalog (2018/C124/01) depends on the purpose of use.

EWC code	Description	Waste group	Hazard properties
<i>Wastes from the manufacture, formulation, supply, use and removal of paint and varnish</i>			
08 01 12	Waste paint and varnish other than those mentioned in 08 01 11	H	Not dangerous waste

Information on disposal of the packaging

Dispose of in accordance with Annex I and Annex II (Directive 2008/98/EC). The uncleaned packaging must be disposed of in the same way as the product.

Special precautions for waste treatment

The substance decomposes on heating and forms gaseous wastes.

Applicable law

In accordance with Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council (REACH), European and national regulations concerning the handling of waste products are set out below:

EU legislation:	Directives 2008/98/EC and 2014/955/EU. Commission Regulation (EU) No 1357/2014.
UK legislation:	Hazardous Waste (Miscellaneous Amendments) Regulations 2015

SECTION 14: Transport information

With regard to ADR 2021, ADN 2021, RID 2021, IMDG 40-20, IATA 63:

14.1 UN or ID number	The product is not classified as dangerous goods.
14.2 UN proper shipping name	Not applicable.
14.3 Transport hazard class(es)	Not applicable.
14.4 Packing group	Not applicable.
14.5 Environmental hazards	None.
14.6 Special precautions for user	The product has a flashpoint of 62 °C. It will produce flammable atmospheres if heated above its flashpoint, or if released as a mist or spray. It will ignite and burn readily if exposed to fire from another source.
14.7 Maritime transport in bulk according to IMO instruments	The product is not intended to be transported in bulk.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	: Not applicable.
	REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59)	: Not applicable.
	REACH - List of substances subject to authorisation (Annex XIV)	: Not applicable.
	Regulation (EC) 1005/2009 on substances that deplete the ozone layer	: Not applicable.
	Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants	: Not applicable.
	Regulation (EU) No 528/2012 on biocidal products and GB Biocidal Products Regulation / GB BPR	: The product contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-

isothiazol-3-one (3:1), (ethylenedioxy)-dimethanol and ethanol.

Regulation (EU) 649/2012 concerning the export and import of hazardous chemical products : Not applicable.

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors : Not applicable.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances (Serveso) : The product contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) that are assigned to Serveso categories H2 and E1:
Column 2: 50 tonnes
Column 3: 200 tonnes

The Paints Directive 2004/42/EC (VOC) : The product contains a VOC content of 52.6 g/L.

Specific provisions regarding the protection of persons or the environment



The product is not covered by the criteria in the Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work. Accordingly, young people under the age of 18 may use or be exposed to the product professionally.



In relation to pregnancy and breastfeeding, the product does not contain any components that are expected to increase the risk to the pregnant woman and the fetus when pregnant women work with or are exposed to the product.

15.2 Chemical safety assessment

No chemical safety assessment has been prepared for this product.

SECTION 16: Other information

Applicable law

Safety data sheet according to European Parliament and Council Regulation (EC) No. 1907/2006 (REACH) and Commission Regulation (EU) 2020/878, as retained and amended in UK law.

The safety data sheet has been prepared by

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Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Classification	Classification procedure
None	N/A

Key literature references and sources for data

<http://echa.europa.eu>
<http://eur-lex.europa.eu>

Revision

Revision date: 17-11-2022. This safety data sheet supersedes: 09-12-2021.
This revision implements changes requiring provision of update according to Article 31(9) to former recipients.

Advice in relation to training

No special training is necessary, but a thorough knowledge of this safety data sheet is advantageous. Basic training is recommended to prevent risks to personnel who handle this product in order to facilitate the understanding and interpretation of this safety data sheet as well as any labeling of the product.

Hazard statements

H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

Abbreviations and acronyms

ADR	Agreement concerning the International Carriage of Dangerous Goods by Road
BCF	Bioconcentration factor
ClogP	Calculated logarithmic n-octanol/water partition coefficient
CLP	Classification, labeling and packaging (EU regulation)
DNEL	Highest level where no effects on humans are expected
EC ₅₀	Average effective concentration
EWC	European Waste Catalog
GHS	Globally Harmonized System of Classification and Labeling
HCS	Hazard Communication Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
Koc	Partition coefficient for organic carbon
LC ₅₀	Mean lethal concentration (dose which kills 50% experimental animals)
PBT	Persistent, bioaccumulative and toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
vPvB	Very persistent, very bioaccumulative

This safety data sheet was prepared by Cantell, Hvidkjærvej 24, 7000 Fredericia, Denmark, www.cantell.dk. For professional help regarding the explanation of the safety data sheet: Contact +45 76240048; sds@cantell.dk.

This safety data sheet has been prepared on the basis of information provided by the manufacturer/supplier and conform to the relevant regulations. The information, data and recommendations contained herein are provided in good faith, obtained from reliable sources and believed to be true and accurate as of the date issued; however, no representation is made as to the comprehensiveness of the information. The SDS shall be used only as a guide for handling the product; in the course of handling and using the product other considerations may arise or be required.

Users are cautioned to determine the appropriateness and applicability of the above information to their particular circumstances and purposes and assume all risk associated with the use of this product. It is the responsibility of the user to fully comply with local, national and international regulations concerning the use of this product.