SAFETY DATA SHEET

May be used to comply with Regulation (EU) No. 2015/830. Standards must be consulted for specific requirements.

Revision Date: 2019-07-17

SECTION 1 — IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product Name: Statguard® Conductive Acrylic Paint, Dark Grey

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

Identified use: Acrylic Paint

1.3 Details of the supplier of the safety data sheet

Supplier: DESCO EUROPE

2A Dunhams Lane
Letchworth Garden City
Hertfordshire, SG6 1BE
UNITED KINGDOM
+44 (0) 1462 672005

Email Address: Service@DescoEurope.com

1.4 Emergency telephone number

United Kingdom: +44 (0) 1462 672005

Office hours: 8:00 AM - 5:00 PM

SECTION 2 — HAZARDS IDENTIFICATION

2.1 Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008

Acute Toxicity (Oral)	Category 4
Skin Sensitisation	Category 1

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms/Symbols:

Signal word: **WARNING**

Hazard statements:
H302 Harmful if swallowed.
H317 May cause an allergic skin reaction.

Precautionary statements:

Prevention
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response
P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P321 Specific treatment (see on this label).
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

None known

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Components	CAS No.	Concentration	Classification
Titanium dioxide	13463-67-7	5 - 25%	Acute Tox. 4, H332
2-Butoxyethanol	111-76-2	5 - 25%	Acute Tox. 4 - H302 Acute Tox. 4 - H332 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319
Carbon black	1333-86-4	0.1 - 5.0 %	Substance with a Community workplace exposure limit
Ammonia	1336-21-6	≤ 1.0%	Acute Tox. 4 - H302 Skin Corr. 1B - H314 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411
Manganese Carboxylate	15956-58-8	≤ 1.0%	Acute Tox. 1 - H300 Skin Sens. 1A - H317 Resp. Sens. 1B - H334
Cobalt bis(2-ethylhexanoate)	136-52-7	0.1 - 5.0 %	Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 3 - H331 Repr. 2 - H361fd

SECTION 4 — FIRST AID MEASURES

4.1 Description of first aid measures

General advice: Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Inhalation: Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

Skin Contact Immediately wash with water and soap and rinse thoroughly.

Eye Contact: Rinse opened eye for several minutes under running water.

Ingestion Call for a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5 — FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media: CO_2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable Extinguishing Methods: None known

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

No special measures required.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Not required.

6.2 Environmental precautions

Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

6.3 Methods and materials for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7 — HANDLING AND STORAGE

7.1 Precautions for safe handling

No special precautions are necessary if used correctly.

7.2 Conditions for safe storage, including any incompatibilities

Keep from freezing - product stability may be affected. STIR WELL BEFORE USE.
Storage temperature: 1°C - 49°C (34°F - 120°F)
See SECTION 8, for types of ventilation required.

7.3 Specific end uses See Technical Data Sheet for further information

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

2-butoxyethanol (CAS No.: 111-76-2)	
WEL	Short-term value: 246 mg/m³, 50 ppm Long-term value: 123 mg/m³, 25 ppm Sk, BMGV
Carbon black (CAS No.: 1333-86-4)	
WEL	Short-term value: 7 mg/m³ Long-term value: 3.5 mg/m³
Cobalt bis(2-ethylhexanoate) (CAS No.: 136-52-7)	
WEL	Long-term value: 0.1 mg/m³ as Co; Carc, Sen

Ingredients with biological limit values:

2-butoxyethanol (CAS No.: 111-76-2)	
BMGV	240 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: butoxyacetic acid

Additional information: The lists that were valid during the creation were used as basis

8.2 Exposure controls

General protective and hygienic measures:
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.

Individual protection measures

Eye/Face Protection Goggles recommended during refilling. Safety glasses (with side shields) should be consistent with EN 166 or equivalent.

Hand Protection	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 . **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. **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.
Respiratory Protection	Not required.

Environmental exposure controls

See SECTION 7: Handling and storage and SECTION 13: Disposal considerations for measures to prevent excessive environmental exposure during use and waste disposal.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Color:	Dark Grey
Odor:	Characteristic
Odor Threshold:	Not Determined
pH:	8.4 - 8.9
Melting Point:	Undetermined
Boiling Point:	>212°F (100°C)
Flash Point:	201.2°F (94°C)
Evaporation rate:	Slower than (n-Butyl Acetate)
Flammability:	Not applicable
Ignition temperature:	464°F (240°C
Upper flammability or explosive limits:	No data available
Lower flammability or explosive limits:	No data available
Vapor Pressure (mm Hg):	23hPa
Vapor Density (air=1):	Heavier than (Air)
Density:	1.206 g/cm3 at 20
Relative Density:	8.38 lbs/gal (1 kg/L) at 70%
Specific Gravity (H2O = 1) :	1.0 - 1.2
Solubility:	Fully miscible.
Partition coefficient:	Not Applicable
Auto-ignition temperature:	Product is not selfigniting.
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available
VOC (EC)	7.90 %

9.2 Other information

No further relevant information available.

SECTION 10 — STABILITY AND REACTIVITY

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions
No dangerous reactions known.

10.4 Conditions to avoid
Temperatures above 120°F (49°C) and below 34°F (1°C). Avoid heat, flame and ignition sources.

10.5 Incompatible materials
No further relevant information available.

10.6 Hazardous decomposition products
No dangerous decomposition products known.

SECTION 11 — TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity
Harmful if swallowed.

Skin corrosion/irritation
Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation
Based on available data, the classification criteria are not met.

Sensitization
May cause an allergic skin reaction.

Specific Target Organ Systemic Toxicity (Single Exposure)
Based on available data, the classification criteria are not met.

Specific Target Organ Systemic Toxicity (Repeated Exposure)
Based on available data, the classification criteria are not met.

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

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

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

Mutagenicity
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

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

No further relevant information available.

Additional ecological information:
General notes:
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, eater course or sewage system.

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6 Other adverse effects

No relevant data found.

SECTION 13 — DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product	Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste. For used, contaminated and residual materials additional evaluations may be required. Do not dump into any sewers, on the ground, or into any body of water.
13.2 Additional information	None

SECTION 14 — TRANSPORT INFORMATION

Classification for ROAD AND RAILWAY TRANSPORT (ADR / RID)

14.1 UN Number	Not applicable
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not considered to be environmentally hazardous, based on available data.
14.6 Special precautions for user	No data available

Classification for SEA transport (IMO-IMDG)

14.1 UN Number	Not applicable
14.2 UN proper shipping name	Not regulated for transport
14.3 Transport hazard class(es)	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not considered to be marine pollutant, based on available data.
14.6 Special precautions for user	No data available

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

Consult IMO regulations before transporting ocean bulk.

Classification for AIR transport (IATA/ICAO)

14.1 UN Number	Not applicable
14.2 UN proper shipping name	Not regulated for transport
14.3 Transport hazard class(es)	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	No data available

SECTION 15 — REGULATORY INFORMATION

Directive 2012/18/EU
Named dangerous substances - ANNEX I
None of the ingredients is listed.

REACH Regulation (EC) No 1907/2006.
Annex XVII - Conditions of restriction: 3, 30, 51b

15.2 Chemical Safety Assessment A Chemical Safety Assessment has not been carried out.

SECTION 16 — OTHER INFORMATION

Full H- (Hazard-) statements mentioned in sections 2 and 3

H226 - Flammable liquid and vapour.
H300 - Fatal if swallowed.
H302 - Harmful if swallowed.
H312 - Harmful in contact with skin.
H314 - Causes severe skin burns and eye damage.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H331 - Toxic if inhaled.
H332 - Harmful if inhaled.
H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child.
H400 - Very toxic to aquatic life.
H411 - Toxic to aquatic life with long lasting effects.

SDS Updated **2019-07-17**

Full text of other 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)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 1: Acute toxicity – Category 1
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Resp. Sens. 1B: Respiratory sensitisation – Category 1B
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Repr. 2: Reproductive toxicity – Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Disclaimer

OTHER INFORMATION: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness and completeness of such information for his own particular use.