For Your Inspiration By Ström
NAILS AND BEAUTY

SAFETY DATA SHEET

AP1003

Compilation date: 01.03.2023 Revision date: Revision No: 1

SECTION 1:

Identification of the substance/mixture and of the company/undertaking

1.1 PRODUCT IDENTIFIER

PRODUCT NAME:
Bright White Acrylic Powder

PRODUCT CODE:
AP1003

1.2 RELEVANT IDENTIFIES USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

USE OF SUBSTANCE / MIXTURE:
Powder. Only for professional use.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

COMPANY NAME:
By Ström AB
Tillgängligheten 3B
417 10 Göteborg
Sweden

EMAIL:
contact@bystrom.beauty

1.4 EMERGENCY TELEPHONE NUMBER

SECTION: 2

Hazards identification

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION UNDER CLP:
Aquatic Chronic 2: H411;
Carc. 2: H351 (inhalation)

MOST IMPORTANT ADVERSE EFFECTS:
Suspected of causing cancer. (Inhalation)
Toxic to aquatic life with long lasting effects.

2.2 LABEL ELEMENTS

LABEL ELEMENTS:

HAZARD STATEMENTS:
H317: May cause an allergic skin reaction.
H411: Toxic to aquatic life with long lasting effects.

HAZARD PICTOGRAMS:
GHS08: Health hazard

GHS09: Environmental

SIGNAL WORDS:
Warning

PRECAUTIONARY STATEMENTS:
P201: Obtain special instructions before use.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P308 + P313: IF exposed or concerned: Get medical advice/attention
P391: Collect spillage.

2.3 OTHER HAZARDS

PBT:
This product is not identified as a PBT/vPvB substance.

SECTION: 3

Composition/information on ingredients

3.1 MIXTURES

HAZARDOUS INGREDIENTS:

EINECS	CAS	PBT / WEL	CLP Classification	Percent
Titanium dioxide				
236-675-5	13463-67-7	-	Carc. 2, H351 (inhalation) Aquatic Chronic 2, H411	<=3%
Dibenzoyl peroxide				
202-327-6	94-36-0	-	Org. Perox. B: H241; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%

SECTION: 4

First aid measures

4.1 DESCRIPTION OF FIRST AID MEASURES

SKIN CONTACT:
Wash with plenty of soap and water.
Remove contaminated clothing and shoes.
Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
Continue to rinse for at least 10 minutes.
Get medical attention. In the event of any complaints or symptoms, avoid further exposure.
Wash clothing before reuse.
Clean shoes thoroughly before reuse.

EYE CONTACT:
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids.
Check for and remove any contact lenses.
Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

INGESTION:
Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe.

INHALATION:
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.
Loosen tight clothing such as a collar, tie, belt or waistband.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

SKIN CONTACT:
Adverse symptoms may include irritation and redness.

EYE CONTACT:
Adverse symptoms may include irritation and redness.

INGESTION:
No specific data.

INHALATION:
Adverse symptoms may include respiratory tract, irritation and coughing.

DELAYED / IMMEDIATE EFFECTS:
No data.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

IMMEDIATE / SPECIAL TREATMENT:
Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION: 5

Fire-fighting measures

5.1 EXTINGUISHING MEDIA

EXTINGUISHING MEDIA:
Use dry chemical powder.

UNSUITABLE EXTINGUISHING MEDIA:
Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

EXPOSURE HAZARDS:
May form explosible dust-air mixture if dispersed. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

HAZARDOUS COMBUSTION PRODUCTS:
Decomposition products may include carbon dioxide, carbon monoxide and metal oxide/oxides.

5.3 ADVICE FOR FIRE-FIGHTERS

ADVICE FOR FIRE-FIGHTERS:
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION: 6

Accidental release measures

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

FOR NON-EMERGENCY PERSONNEL:
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

PERSONAL PRECAUTIONS:
If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 ENVIRONMENTAL PRECAUTIONS

ENVIRONMENTAL PRECAUTIONS:
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

SMALL SPILL:
Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

LARGE SPILL:
Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labelled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor

6.4 REFERENCE TO OTHER SECTIONS

REFERENCE TO OTHER SECTIONS:

See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION: 7

Handling and storage

7.1 PRECAUTIONS FOR SAFE HANDLING

HANDLING REQUIREMENTS:

Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing dust. Avoid release to the environment. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

STORAGE CONDITIONS:

Do not store above the following temperature: 240°C (464°F). Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

DANGER CRITERIA:

Category	Notification and MAPP threshold	Safety report threshold
E2	200 tonne	500 tonne

7.3 SPECIFIC END USE(S)

SPECIFIC END USE(S):

No data available.

SECTION: 8

Exposure controls/personal protection

8.1 CONTROL PARAMETERS

WORKPLACE EXPOSURE LIMITS:

No data available.

DNEL/PNEC VALUES

DNEL:

Exposure	Value	Population	Effects
Dibenzoyl Peroxide			
Long Term Dermal	0.034 mg/cm^2	Workers	Local

Long Term Oral	2 mg/kg bw/day	General Population	Systemic
Long Term Dermal	13.3 mg/kg bw/day	Workers	Systemic
Long Term Inhalation	39 mg/m^3	General Population	Systemic

PNEC:
No data available.

8.2 EXPOSURE CONTROLS

ENGINEERING MEASURES:
Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

RESPIRATORY PROTECTION:
Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

HAND PROTECTION:
Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

EYE PROTECTION:
Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. If operating conditions cause high dust concentrations to be produced, use dust goggles.

SKIN PROTECTION:
Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

SECTION: 9

Physical and chemical properties

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

STATE:
Solid.

COLOUR:
White

ODOUR:
Faint Odor

EVAPORATION RATE:
Not available.

OXIDISING:
Not available.

SOLUBILITY IN WATER:
Not available.

VISCOSITY:
Not available.

RELATIVE DENSITY:
Not applicable.

9.2 OTHER INFORMATION

OTHER INFORMATION:
No data available.

SECTION: 10

Stability and reactivity

10.1 REACTIVITY

REACTIVITY:
No specific test data related to reactivity available for this product or its ingredients.

10.2 CHEMICAL STABILITY

CHEMICAL STABILITY:
The product is stable.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

HAZARDOUS REACTIONS:
Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 CONDITIONS TO AVOID

CONDITIONS TO AVOID:
Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.

10.5 INCOMPATIBLE MATERIALS

MATERIALS TO AVOID:
Oxidizing materials.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

HAZ. DECOMP. PRODUCTS:
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION: 11

Toxicological information

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

RELEVANT HAZARDS FOR PRODUCT:

HAZARD	ROUTE	BASIS
Respiratory/skin sensitisation		Hazardous: calculated

SYMPTOMS / ROUTES OF EXPOSURE

SKIN CONTACT:
No known significant effects or critical hazards.

EYE CONTACT:
Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. Adverse symptoms may include irritation and redness.

INGESTION:
No known significant effects or critical hazards.

INHALATION:
Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. Adverse symptoms may include respiratory tract, irritation and coughing.

DELAYED / IMMEDIATE EFFECTS:
Immediate effects can be expected after short-term exposure. Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. Suspected of causing cancer if inhaled. Risk of cancer depends on duration and level of exposure.

SECTION: 12

Ecological information

12.1 TOXICITY

ECOTOXICITY VALUES:

Result	Species	Expsure
Titanium dioxide		
Acute LC50 3 mg/l Fresh water	Crustaceans - Ceriodaphnia Dubia - Neonate	48 hours

Acute LC50 6.5 mg/l Fresh water	Daphnia - Daphnia Pulex - Neonate	48 hours
Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus Heteroclitus	96 hours
Dibenzoyl Peroxide		
EC50 0.83 mg/l	Algae	72 hours
EC50 0.07 mg/l	Daphnia	48 hours
LC50 2 mg/l	Fish	96 hours

12.2 PERSISTENCE AND DEGRADABILITY

PERSISTENCE AND DEGRADABILITY:
Biodegradable.

12.3 BIOACCUMULATIVE POTENTIAL

BIOACCUMULATIVE POTENTIAL:
Low bioaccumulation potential.

12.4 MOBILITY IN SOIL

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

PBT IDENTIFICATION:
This product is not identified as a PBT/vPvB substance.

12.6 OTHER ADVERSE EFFECTS

OTHER ADVERSE EFFECTS:
No known significant effects or critical hazards.

SECTION: 13

Disposal considerations

13.1 WASTE TREATMENT METHODS

DISPOSAL OPERATIONS:
The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

NB:
The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION: 14

Transport information

TRANSPORT CLASS:
This product does not require a classification for transport.

SPECIAL PRECAUTIONS FOR USER:
Transport within user's premises: always transport in closed containers that are upright and secure.
Ensure that persons transporting the product know what to do in the event of an accident or spillage.

SECTION: 15

Regulatory information

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

SPECIFIC REGULATIONS:

Not applicable.

15.2 CHEMICAL SAFETY ASSESSMENT

CHEMICAL SAFETY ASSESSMENT:

This product contains substances for which Chemical Safety Assessments are still required.

SECTION: 16

Other information

OTHER INFORMATION

OTHER INFORMATION:

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
* indicates text in the SDS which has changed since the last revision.

PHRASES USED IN S.2 AND S.3:

H241: Heating may cause a fire or explosion.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H351: Suspected of causing cancer.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic to aquatic life with long lasting effects.

LEGAL DISCLAIMER:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.
This company shall not be held liable for any damage resulting from handling or from contact with the above product.