



SECTION 1:

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



1.1 PRODUCT IDENTIFIER

PRODUCT NAME:
Silky Matte Top Finish

PRODUCT CODE:
TGIOIO

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

USE OF SUBSTANCE / MIXTURE:
Not applicable. 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:
Acute Tox. 4, H302: Skin Irrit. 2, H315;
Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Chronic 3, H412;

MOST IMPORTANT ADVERSE EFFECTS:
Harmful if swallowed. Causes serious eye damage.
Causes skin irritation.
May cause an allergic skin reaction.
Harmful to aquatic life with long lasting effects.

2.2 LABEL ELEMENTS

HAZARD STATEMENTS:
H302:
H315: Causes serious eye irritation.
H317: May cause an allergic skin reaction.
H318:
H412:

HAZARD PICTOGRAMS:

GHS07: Exclamation mark 
GHS05: Exclamation mark 

SIGNAL WORDS:

Warning

PRECAUTIONARY STATEMENTS:

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see instructions on this label) reuse.

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
4-hydroxybutyl acrylate				
219-606-3	2478-10-6	-	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317	≥25 - ≤50%
Polyurethane acrylate oligomer				
-	-	-	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317	≥10 - ≤25%
4-(1-oxo-2-propenyl)- morpholine				
418-140-1	5117-12-4	-	Acute Tox. 4, H302 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT RE 2, H373	<10%
Trimethylolpropane trimethacrylate este				
221-950-4	3290-2-4	-	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411	≤5%
Siloxanes and Silicones, di-Me				
63148-62-9	-	-	Eye Irrit. 2, H319 Aquatic Chronic 3, H412	≤3%
TPO				
278-355-8	75980-60-8	-	Repr. 2, H361f (Fertility, causing atrophy of the testes)	<3%

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.

INGESTION:

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. 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. Never give anything by mouth to an unconscious person. 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.

INHALATION:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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 necessary, call a poison center or physician. 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:

There may be irritation and redness at the site of contact.

EYE CONTACT:

There may be irritation and redness.

The eyes may water profusely.

INGESTION:
No specific data.

INHALATION:
No specific 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:

Suitable extinguishing media for the surrounding fire should be used.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

EXPOSURE HAZARDS:

In a fire or if heated, a pressure increase will occur and the container may burst.

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.

SECTION: 6

Accidental release measures



6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

PERSONAL PRECAUTIONS:

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.
Avoid breathing vapor or mist.
Provide adequate ventilation.
Wear appropriate respirator when ventilation is inadequate.
Put on appropriate personal protective equipment.

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).

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

CLEAN-UP PROCEDURES:

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 REFERENCE TO OTHER SECTIONS

REFERENCE TO OTHER SECTIONS:

Refer to section 8 of SDS.

SECTION: 7

Handling and storage

**7.1 PRECAUTIONS FOR SAFE HANDLING**

HANDLING REQUIREMENTS:

Avoid direct contact with the substance.
Ensure there is sufficient ventilation of the area.
Do not handle in a confined space.
Avoid the formation or spread of dust in the air.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

STORAGE CONDITIONS:

Store in a cool, well ventilated area. Keep container tightly closed.

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 / 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.

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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective

properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

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: chemical splash goggles.

SKIN PROTECTION:

Personal protective equipment for the body 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:
Liquid

ODOR:
Characteristic.

COLOR:
Colorless

9.2 OTHER INFORMATION

OTHER INFORMATION:
No data available.

SECTION: IO

Stability and reactivity



IO.1 REACTIVITY

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

IO.2 CHEMICAL STABILITY

CHEMICAL STABILITY:
Stable under normal conditions.

IO.3 POSSIBILITY OF HAZARDOUS REACTIONS

HAZARDOUS REACTIONS:
Hazardous polymerization may occur under certain conditions of storage or use. These could cause the product to polymerize exothermically. Unintentional contact with them should be avoided.

IO.4 CONDITIONS TO AVOID

CONDITIONS TO AVOID:
Avoid all possible sources of ignition (spark or flame).
Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.

IO.5 INCOMPATIBLE MATERIALS

MATERIALS TO AVOID:
Reactive or incompatible with the following materials: oxidizing materials.

IO.6 HAZARDOUS DECOMPOSITION PRODUCTS

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

SECTION: II

Toxicological information



II.1 INFORMATION ON TOXICOLOGICAL EFFECTS

SYMPTOMS / ROUTES OF EXPOSURE

SKIN CONTACT:
Causes skin irritation. May cause an allergic skin reaction.

INHALATION:
May cause respiratory irritation.

EYE CONTACT:
Causes serious eye irritation.

DELAYED / IMMEDIATE EFFECTS:
Immediate effects can be expected after short-term exposure.

INGESTION:
No known significant effects or critical hazards.

SECTION: 12

Ecological information

**12.1 TOXICITY**

ECOTOXICITY VALUES:

Result	Species	Exposure
LC50 23 mg/l	Daphnia Hatchling, Weanling)	48 hours
LC50 10 mg/l	Fish	96 hours
EC50 120 mg/l	Algae	72 hours
EC50 120 mg/l	Algae	72 hours
Acute LC50 2 mg/l	Fish - Oncorhynchus mykiss	96 days
Acute NOEC 0.177 mg/l	Algae	72 days
Acute LC50 44.5 ppm Fresh water	Daphnia - Daphnia magna - Instar	48 hours

12.2 PERSISTENCE AND DEGRADABILITY

PERSISTENCE AND DEGRADABILITY:

Not available.

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 nonrecyclable 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.

HAZARDOUS WASTE:

The classification of the product may meet the criteria for a hazardous waste.

SECTION: 14

Transport information



TRANSPORT CLASS:

This product does not require a classification for transport.

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. 1272/2008 (CLP/GHS) with its amendment Regulation.

PHRASES USED IN 5.2 AND 5.3:

(EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

H302: Harmful if swallowed.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H:412 Harmful 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.