

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations SDS ID: TOPG-US-SDS Issue date: 8/14/2015 Revision date: 11/17/2022 Supersedes: 3/17/2022 Version: 5.0

SECTION 1: Identification	
1.1. Identification	
Product form Trade name Product code UP Number	 Mixture TOPSTOP GOLD EASY SANDING STOPPER TOPG/BL, TOPG/2, DIS/TOPG UP0747, UP0703, UP0704
1.2. Recommended use and restrictions of	on use
Use of the substance/mixture Recommended use	: Fillers, putties, plasters, modeling clay : Fillers
1.3. Supplier	
U-POL US Inc Inc. 50 Applied Bank Blvd., Suite 300 Glen Mills Pennsylvania, PA 19342 United States T (610) 746 7081 technicalsupport@u-pol.com - www.u-pol.com	
1.4. Emergency telephone number	
SECTION 2: Hazard(s) identification 2.1. Classification of the substance or mi GHS US classification	xture
Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2 Carcinogenicity Category 2 Reproductive toxicity Category 2 Specific target organ toxicity (repeated exposure)	Causes skin irritation Causes serious eye irritation Suspected of causing cancer Suspected of damaging the unborn child Causes damage to organs (hearing organs) through prolonged or repeated exposure (Inhalation)
2.2. GHS Label elements, including preca	utionary statements
GHS US labeling	
Hazard pictograms (GHS US)	
Signal word (GHS US) Hazard statements (GHS US)	 Danger Causes skin irritation Causes serious eye irritation Suspected of causing cancer Suspected of damaging the unborn child

Precautionary statements (GHS US)

Do not handle until all safety precautions have been read and understood.

: Obtain special instructions before use.

EN (English US)

Do not breathe fume, vapors.

Causes damage to organs (hearing organs) through prolonged or repeated exposure (Inhalation)

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Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear eye protection, protective clothing, protective gloves.
If on skin: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If exposed or concerned: Get medical advice/attention.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
Store locked up.
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
talc	CAS-No.: 14807-96-6	5 – 23	Carc. 2, H351
styrene	CAS-No.: 100-42-5	5 – 23	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Carc. 2, H351 Repr. 2, H361 STOT SE 3, H335 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 3, H412

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures	
4.1. Description of first aid measures	
First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center/doctor/physician if you feel unwell.

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4.2. Most important symptoms and e	ffects (acute and delayed)	
Symptoms/effects after skin contact Symptoms/effects after eye contact	: Irritation. : Eye irritation.	
4.3. Immediate medical attention and	I special treatment if necessary	

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media			
Suitable extinguishing media	: Water spray. Dry powder. Foam.		
5.2. Specific hazards arising from the cher	nical		
Hazardous decomposition products in case of fire : Toxic fumes may be released.			
5.3. Special protective equipment and precautions for fire-fighters			
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.		

SECTION 6: Accidental release measures				
6.1. Personal precautions, protective	equipment and emergency procedures			
General measures	: Remove ignition sources. No open flames. No smoking.			
6.1.1. For non-emergency personnel				
Protective equipment	: Safety glasses. Protective clothing. Gloves.			
Emergency procedures	: Ventilate spillage area. Do not breathe vapors, fume. Avoid contact with skin and eyes.			
6.1.2. For emergency responders				
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".			
6.2. Environmental precautions				
Avoid release to the environment.				
6.3. Methods and material for contain	nment and cleaning up			
For containment Methods for cleaning up Other information	 Contain released product, pump into suitable containers. Collect spillage. Mechanically recover the product. Notify authorities if product enters sewers or public waters. Dispose of materials or solid residues at an authorized site. 			

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe vapors, fume. Avoid contact with skin and eyes.

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Hygiene measures	: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, including a	ny incompatibilities
5	: Store locked up. Store in a well-ventilated place. Keep cool.
	: <25 ℃
Storage area	: Store in a well-ventilated place.
Special rules on packaging	: Keep only in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

TOPSTOP GOLD EASY SANDING STOPPER			
No additional information available			
styrene (100-42-5)			
USA - ACGIH - Occupational Exposure Limits			
Local name	Styrene		
ACGIH OEL TWA [ppm]	10 ppm		
ACGIH OEL STEL [ppm]	20 ppm		
Remark (ACGIH)	TLV® Basis: CNS & hearing impair; URT irr; peripheral neuropathy; visual disorders. Notations: OTO; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI		
Regulatory reference	ACGIH 2021		
USA - ACGIH - Biological Exposure Indices			
Local name	STYRENE		
BEI (BLV)	400 mg/g Kreatinin Parameter: Mandelic acid plus phenylglyoxylic acid - Medium: urine - Sampling time: End of shift - Notations: Ns 40 μg/l Parameter: Styrene - Medium: urine - Sampling time: End of shift		
Regulatory reference	ACGIH 2021		
USA - OSHA - Occupational Exposure Limits			
Local name	Styrene		
OSHA PEL (TWA) [2]	100 ppm		
OSHA PEL C [ppm]	200 ppm		
Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift	600 ppm 5 mins. in any 3 hrs.		
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-2		
talc (14807-96-6)			
USA - ACGIH - Occupational Exposure Limits			
Local name	Talc		
ACGIH OEL TWA	2 mg/m ³ (Respirable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica)		
ACGIH OEL TWA [ppm]	0.1 fibers/cm ³ (Containing asbestos fibers. F - Respirable fibers)		

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talc (14807-96-6)							
Remark (ACGIH)		Containing no asbestos fibers = TLV® Basis: Pulm fibrosis; pulm func. Notations: A4 Containing asbestos fibers = TLV® Basis: Pneumoconiosis; lung cancer; mesothelioma. Notations: A1 (Confirmed Human Carcinogen)					
Regulatory reference		ACGIH 2021					
USA - OSHA - Occupation	nal Exposure Limits	1					
Local name		Talc (not containing asbestos)	(Silicates (less tl	nan 1% crystallir	ne silica))		
OSHA PEL (TWA) [2]		20 mppcf					
Remark (OSHA)		Table Z-3. CAS No. source: eC	Table Z-3. CAS No. source: eCFR Table Z-1.				
Regulatory reference (US-	OSHA)	OSHA Annotated Table Z-3 Min	neral Dusts				
8.2. Appropriate engine	eering controls						
Appropriate engineering cor Environmental exposure co		Ensure good ventilation of the w Avoid release to the environmer					
8.3. Individual protection	on measures/Personal p	protective equipment					
Personal protective equip Gloves. Protective clothing.							
Materials for protective c	lothing:						
Impermeable clothing							
Hand protection:							
Protective gloves							
Туре	Material	Permeation	Thickness (m	n)	Penetration		
Protective gloves	Nitrile rubber (NBR), Neoprene rubber (HNBR), Polyvinylalcohol (PVA), Viton	6 (> 480 minutes) 0.4					
Eye protection:							
Safety glasses							
Туре	Field of application	l of application		Characteristics			
Safety glasses		Dust		clear			
Skin and body protection:							
Wear suitable protective clothing							
Respiratory protection:							
Wear respiratory protection.							
Device Filter type Condition							
Breathing apparatus, Gas f	filters	Type A - High-boiling (>65 °C) compounds	65 °C) organic vapor protection				

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Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state		Solid
Appearance	-	Paste.
Color	:	Beige
Odor	:	aromatic
Odor threshold	:	No data available
pH	:	No data available
•	:	No data available
Melting point	:	
Freezing point	•	Not applicable
Boiling point	:	No data available
Flash point	:	32 °C (does not sustain combustion)
Relative evaporation rate (butyl acetate=1)	:	No data available
Flammability (solid, gas)	:	Non flammable.
Vapor pressure	:	No data available
Relative vapor density at 20 °C	:	No data available
Relative density	:	Not applicable
Density	:	1.81 (1.79 – 1.83) g/cm ³
Solubility	:	insoluble in water. soluble in most organic solvents.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	No data available
Viscosity, kinematic	:	> 20.5 mm²/s
Viscosity, dynamic	:	No data available
Explosion limits	:	Not applicable
Explosive properties	:	No data available
Oxidizing properties	:	No data available

9.2. Other information

VOC content	: 221 g/l
As Packaged Regulatory VOC	: 221 g/l (1.86 lb/gal)
As Packaged Actual VOC	: 221 g/l (1.86 lb/gal)
As Applied Regulatory VOC	: 46 g/l (0.39 lb/gal)
As Applied Actual VOC	: 46 g/l (0.39 lb/gal)
Percent Solids	: 87.62 wt%
Percent Solids	: 48.36 vol %
Volatiles	: 12.4 wt%
Water Content	: 0 wt%
Water Content	: 0 vol %
Exempt Compounds by weight	: 0 wt%
Exempt Compounds by volume	: 0 vol %
% EPA HAPS	: 12.38 wt%

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition 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	
Acute toxicity (oral) : Acute toxicity (dermal) :	Not classified Not classified Not classified
styrene (100-42-5)	
LD50 oral rat	5000 mg/kg body weight (Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	11.8 mg/l (4 h, Rat, Inconclusive, insufficient data, Inhalation (vapours))
ATE US (oral)	5000 mg/kg body weight
ATE US (vapors)	11.8 mg/l/4h
ATE US (dust, mist)	11.8 mg/l/4h
talc (14807-96-6)	
LD50 oral rat	> 5000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	> 2.1 mg/l (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol), 15 day(s))
Serious eye damage/irritation:Respiratory or skin sensitization:Germ cell mutagenicity:	Causes skin irritation. Causes serious eye irritation. Not classified Not classified
Carcinogenicity : styrene (100-42-5)	Suspected of causing cancer.
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen

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talc (14807-96-6)			
IARC group	3 - Not classifiable, 2B - Possibly carcinogenic to humans		
Reproductive toxicity	Suspected of damaging the unborn child.		
STOT-single exposure	Not classified		
styrene (100-42-5)			
STOT-single exposure	May cause respiratory irritation.		
STOT-repeated exposure	: Causes damage to organs (hearing organs) through prolonged or repeated exposure (Inhalation).		
styrene (100-42-5)			
LOAEL (oral,rat,90 days)	2000 mg/kg body weight Animal: rat		
LOAEC (inhalation,rat,vapor,90 days)	0.21 mg/l air Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)		
NOAEL (oral,rat,90 days)	1000 mg/kg body weight Animal: rat		
NOAEL (subchronic,oral,animal/male,90 days)	10 mg/kg body weight Animal: mouse, Animal sex: male		
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.		
Aspiration hazard	: Not classified		
Viscosity, kinematic	: > 20.5 mm ² /s		
Symptoms/effects after skin contact	: Irritation.		
Symptoms/effects after eye contact	: Eye irritation.		

SECTION 12: Ecological inf	ormation
12.1. Toxicity	
Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
styrene (100-42-5)	
LC50 - Fish [1]	10 mg/l Test organisms (species): Pimephales promelas
EC50 - Crustacea [1]	4.7 mg/l Test organisms (species): Daphnia magna
ErC50 algae	4.9 mg/l (EPA OTS 797.1050, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Growth rate)
LOEC (chronic)	2.06 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	1.01 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
talc (14807-96-6)	
LC50 - Fish [1]	89581 mg/l (ECOSAR v1.00, 96 h, Pisces, Fresh water, QSAR)
12.2. Persistence and degrada	bility
styrene (100-42-5)	

styrene (100-42-3)		
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.	
Chemical oxygen demand (COD)	2.8 g O ₂ /g substance	
ThOD	3.07 g O ₂ /g substance	
BOD (% of ThOD)	0.42 (Literature study)	

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talc (14807-96-6)	
Persistence and degradability	Biodegradability: not applicable.
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

12.3. Bioaccumulative potential

styrene (100-42-5)			
BCF - Fish [1]	74 (Calculated value)		
Partition coefficient n-octanol/water (Log Pow)	2.96 (Practical experience/observation, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)		
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).		
talc (14807-96-6)			
BCF - Other aquatic organisms [1]	3.162 l/kg (BCFBAF v3.01, Fresh water, QSAR)		
Partition coefficient n-octanol/water (Log Pow)	-9.4 (QSAR, KOWWIN, 25 °C)		
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).		

12.4. Mobility in soil

styrene (100-42-5)		
Surface tension	No data available in the literature	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.55 (log Koc, Estimated value)	
Ecology - soil	Low potential for adsorption in soil.	
talc (14807-96-6)		
Ecology - soil	Adsorbs into the soil.	

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations 13.1. Disposal methods Regional legislation (waste) * Disposal must be done according to official regulations. * Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information	
14.1. UN number	
Not regulated for transport	
14.2. UN proper shipping name	
Proper Shipping Name (DOT)	: Not applicable

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Proper Shipping Name (TDG) Proper Shipping Name (IMDG) Proper Shipping Name (IATA)	 Not applicable Not applicable Not applicable 	
14.3. Transport hazard class(es)		
DOT Transport hazard class(es) (DOT)	: Not applicable	
TDG Transport hazard class(es) (TDG)	: Not applicable	
IMDG Transport hazard class(es) (IMDG)	: Not applicable	
IATA Transport hazard class(es) (IATA)	: Not applicable	
14.4. Packing group		
Packing group (DOT) Packing group (TDG) Packing group (IMDG) Packing group (IATA)	 Not applicable Not applicable Not applicable Not applicable Not applicable 	
14.5. Environmental hazards		
Other information	: No supplementary information available.	
14.6. Special precautions for user		
DOT No data available		
TDG No data available		
IMDG No data available		
IATA No data available		
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code		
Not applicable		
SECTION 15: Regulatory information		

15.1. US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.		Commercial status	Flags
styrene	100-42-5	Present	Active	
talc	14807-96-6	Present	Active	

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Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.			
styrene	CAS-No. 100-42-5 5 – 23%		
ofurround (400, 42, 5)			
styrene (100-42-5) Listed on EPA Hazardous Air Pollutant (HAPS)			
CERCLA RQ	1000 lb		
15.2. International regulations			
CANADA			
styrene (100-42-5)			
Listed on the Canadian DSL (Domestic Substances List	st)		
talc (14807-96-6)			
Listed on the Canadian DSL (Domestic Substances Lis	st)		
EU-Regulations			
No additional information available			
National regulations			
styrene (100-42-5)			
Listed on IARC (International Agency for Research on Listed as carcinogen on NTP (National Toxicology Pro			
15.3. US State regulations			
WARNING: This product can expose you to styrene, which is known to the State of California to cause cancer, and ethanediol, ethylene glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.			
Component	State or local regulations		
talc(14807-96-6)	U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) List		
styrene(100-42-5)	Non-Carcinogenic Toxic Air Pollutants Massachusetts - Right To Know List; U	Requirements - Reportable Quantities; U.S Idaho - - Acceptable Ambient Concentrations; U.S .S New Jersey - Right to Know Hazardous Substance now Hazardous Substances List; U.S Pennsylvania -	

SECTION 16: Other information according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date : 11/17/2022 NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury. NFPA fire hazard : 2 - Materials that must be moderately heated or exposed to relatively

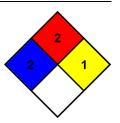
high ambient temperatures before ignition can occur.

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NFPA reactivity

: 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.



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