

SQ FORPRENE PBT 903 (TA)

Version 1.0 Revision Date: 08-08-2025 SDS Number: 300010002902 Date of last issue: -
Date of first issue: 08-08-2025

SECTION 1. IDENTIFICATION

Product name : SQ FORPRENE PBT 903 (TA)

Product code : 000000000021057640

Manufacturer or supplier's details

Company name of supplier : Celanese Ltd. Irving Texas
Address : 222 West Las Colinas Boulevard Suite 900N
Irving TX 75039
Telephone : +1 972-443-4000
Emergency telephone number : DOMESTIC NORTH AMERICA: 800-424-9300
INTERNATIONAL, CALL +1 703-527-3887 (collect calls accepted)

Recommended use of the chemical and restrictions on use

Recommended use : Plastic processing industry

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Combustible dust

Other hazards

None known.

GHS label elements

Signal word : Warning

Hazard statements : If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS No./Unique ID	Concentration (% w/w)	Trade secret
Glass, oxide, chemicals	65997-17-3*	$\geq 10 - \leq 30$	-
antimony trioxide	1309-64-4*	$\geq 0.1 - \leq 1$	-
Carbon black	1333-86-4*	$\geq 0.1 - \leq 1$	-

* Indicates that the identifier is a CAS No.

SECTION 4. FIRST AID MEASURES

General advice : Do not leave the victim unattended.

SQ FORPRENE PBT 903 (TA)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08-08-2025	300010002902	Date of first issue: 08-08-2025

If inhaled	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	:	Cool skin rapidly with cold water after contact with molten material. Do not peel solidified product off the skin. Burns must be treated by a physician.
In case of eye contact	:	Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
If swallowed	:	Keep respiratory tract clear. Do NOT induce vomiting. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	:	None known.
Notes to physician	:	Treat symptomatically

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Water Foam Dry chemical Carbon dioxide (CO ₂)
Specific hazards during fire-fighting	:	Do not use a solid water stream as it may scatter and spread fire.
Hazardous combustion products	:	Carbon oxides Nitrogen oxides (NO _x)
Further information	:	Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Sweep up to prevent slipping hazard.
Environmental precautions	:	No special environmental precautions required.
Methods and materials for containment and cleaning up	:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against	:	During processing, dust may form explosive mixture in air.
------------------------------	---	--

SQ FORPRENE PBT 903 (TA)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08-08-2025	300010002902	Date of first issue: 08-08-2025

fire and explosion

Provide appropriate exhaust ventilation at machinery and at places where dust can be generated.

Advice on safe handling : For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.

Conditions for safe storage : Minimize dust generation and accumulation.
Keep in a dry, cool place.
Maintain dryness of resin
Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : No materials to be especially mentioned.

Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Glass, oxide, chemicals	65997-17-3	TWA (fibres)	1 fibres per cubic centimeter	ACGIH
		TWA (Inhalable particulate matter)	5 mg/m ³	ACGIH
antimony trioxide	1309-64-4	TWA	0.5 mg/m ³ (antimony)	OSHA Z-1
		TWA	0.5 mg/m ³ (antimony)	OSHA P0
		TWA	0.5 mg/m ³ (antimony)	NIOSH REL
		TWA (Inhalable particulate matter)	0.02 mg/m ³ (antimony)	ACGIH
Carbon black	1333-86-4	TWA (Inhalable particulate matter)	3 mg/m ³	ACGIH
		TWA	3.5 mg/m ³	NIOSH REL
		TWA	3.5 mg/m ³	OSHA Z-1
		TWA	3.5 mg/m ³	OSHA P0
		TWA	0.1 mg/m ³ (PAHs)	NIOSH REL

Engineering measures : Local exhaust
Provide appropriate exhaust ventilation at places where dust is formed.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Eye protection : Safety glasses with side-shields

SQ FORPRENE PBT 903 (TA)

Version 1.0	Revision Date: 08-08-2025	SDS Number: 300010002902	Date of last issue: - Date of first issue: 08-08-2025
----------------	------------------------------	-----------------------------	--

Skin and body protection	: Protective suit
Hygiene measures	: General industrial hygiene practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: pellets
Odour	: slight
Odour Threshold	: No data available
pH	: substance/mixture is non-soluble (in water)
Melting point/ range	: For further information, refer to the product technical data sheet.
Boiling point/boiling range	: Not applicable
Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: May form combustible dust concentrations in air during processing, handling or other means.
Upper explosion limit / Upper flammability limit	: Not applicable
Lower explosion limit / Lower flammability limit	: Not applicable
Vapour pressure	: Not applicable
Relative vapour density	: Not applicable
Density	: For further information, refer to the product technical data sheet.
Solubility(ies) Water solubility	: insoluble
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: For further information, refer to the product technical data sheet.
Decomposition temperature	: No data available
Viscosity Viscosity, dynamic	: Not applicable
Viscosity, kinematic	: Not applicable

SECTION 10. STABILITY AND REACTIVITY

SQ FORPRENE PBT 903 (TA)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08-08-2025	300010002902	Date of first issue: 08-08-2025

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	Stable under recommended storage conditions. Dust can form an explosive mixture in air.
Conditions to avoid	:	No data available
Incompatible materials	:	Not applicable
Hazardous decomposition products	:	Carbon monoxide

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Not classified due to lack of data.

Skin corrosion/irritation

Not classified due to lack of data.

Components:**Glass, oxide, chemicals:**

Species	:	Rabbit
Assessment	:	No skin irritation
Method	:	OECD Test Guideline 404
Result	:	Slight or no skin irritation
Remarks	:	Minimal effects that do not meet the threshold for classification.

Serious eye damage/eye irritation

Not classified due to lack of data.

Components:**Glass, oxide, chemicals:**

Species	:	Not tested on animals
Result	:	Slight or no eye irritation
Assessment	:	No eye irritation
Remarks	:	Minimal effects that do not meet the threshold for classification.

Respiratory or skin sensitisation**Skin sensitisation**

Not classified due to lack of data.

Respiratory sensitisation

Not classified due to lack of data.

Components:**Glass, oxide, chemicals:**

Species	:	Not tested on animals
Assessment	:	Does not cause skin sensitisation.
Result	:	Does not cause skin sensitisation.

SQ FORPRENE PBT 903 (TA)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08-08-2025	300010002902	Date of first issue: 08-08-2025

Germ cell mutagenicity

Not classified due to lack of data.

Components:**Glass, oxide, chemicals:**

Germ cell mutagenicity - Assessment : Weight of evidence does not support classification as a germ cell mutagen., Overall weight of evidence indicates that the substance is not mutagenic.

Carcinogenicity

Not classified due to lack of data.

Components:**Glass, oxide, chemicals:**

Carcinogenicity - Assessment : Carcinogenicity classification not possible from current data.

IARC	Group 2A: Probably carcinogenic to humans	
	Glass, oxide, chemicals (glass)	65997-17-3
	Group 2B: Possibly carcinogenic to humans	
	Carbon black	1333-86-4

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP	Reasonably anticipated to be a human carcinogen antimony trioxide	1309-64-4
------------	--	-----------

Reproductive toxicity

Not classified due to lack of data.

STOT - single exposure

Not classified due to lack of data.

STOT - repeated exposure

Not classified due to lack of data.

Components:**Glass, oxide, chemicals:**

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Repeated dose toxicity**Components:****Glass, oxide, chemicals:**

Species	: Rat
Application Route	: Inhalation
Exposure time	: 3 Months
Remarks	: No toxicological effects warranting significant target organ toxicity classification were seen below the recommended

SQ FORPRENE PBT 903 (TA)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08-08-2025	300010002902	Date of first issue: 08-08-2025

guidance values for classification.

Aspiration toxicity

Not classified due to lack of data.

Components:**Glass, oxide, chemicals:**

No aspiration toxicity classification

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:****Glass, oxide, chemicals:**

Toxicity to fish	:	LC50 (Danio rerio (zebra fish)): > 1,000 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 1,000 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (green algae)): > 1,000 mg/l Exposure time: 72 h Method: OECD Test Guideline 201

Ecotoxicology Assessment

Acute aquatic toxicity	:	This product has no known ecotoxicological effects.
Chronic aquatic toxicity	:	This product has no known ecotoxicological effects.

Persistence and degradability**Components:****Glass, oxide, chemicals:**

Biodegradability	:	Result: Not biodegradable Remarks: Not applicable
------------------	---	--

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects**Product:**

Ozone-Depletion Potential	:	Regulation: 40 CFR Protection of Environment; Part 82 Pro-
---------------------------	---	--

SQ FORPRENE PBT 903 (TA)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08-08-2025	300010002902	Date of first issue: 08-08-2025

tection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Where possible recycling is preferred to disposal or incineration.
Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION**International Regulations****UNRTDG**

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to IMO instruments

Not applicable for product as supplied.

National Regulations**49 CFR**

Not regulated as a dangerous good

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION**CERCLA Reportable Quantity**

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
chlorobenzene	108-90-7	100	100 (D021)
chlorobenzene	108-90-7	10	10 (F002)

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Combustible dust

SQ FORPRENE PBT 903 (TA)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08-08-2025	300010002902	Date of first issue: 08-08-2025

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

antimony trioxide	1309-64-4	>= 0.1 - < 1 %
chlorobenzene	108-90-7	>= 0 - < 0.1 %

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

antimony trioxide	1309-64-4	>= 0.1 - < 1 %
chlorobenzene	108-90-7	>= 0 - < 0.1 %

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

California Prop. 65

WARNING: This product can expose you to chemicals including antimony trioxide, Carbon black, tetrahydrofuran, Antimony trioxide, which is/are known to the State of California to cause cancer, and

4,4'-isopropylidenediphenol, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

TSCA list

The following substance(s) is/are subject to a Significant New Use Rule:

2-methylisothiazol-3(2H)-one	2682-20-4	See 40 CFR 721.4525; Proposed Rule
------------------------------	-----------	------------------------------------

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION**Full text of other abbreviations**

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL	:	USA. NIOSH Recommended Exposure Limits
OSHA P0	:	USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
OSHA Z-1	:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
ACGIH / TWA	:	8-hour, time-weighted average
NIOSH REL / TWA	:	Time-weighted average concentration for up to a 10-hour

SQ FORPRENE PBT 903 (TA)

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	08-08-2025	300010002902	Date of first issue: 08-08-2025

workday during a 40-hour workweek
OSHA P0 / TWA : 8-hour time weighted average
OSHA Z-1 / TWA : 8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 08-08-2025

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

US / EN

Celanese SQ FORPRENE PBT 903 (TA)

Components: Glass, oxide, chemicals, CAS-No. 65997-17-3; , CAS-No. 1309-64-4; , CAS-No. 1333-86-4

Warning

Hazard statements: If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air.

Supplemental information: No decomposition if stored and applied as directed.

Refer to Safety Data Sheet (SDS) for further information.

Celanese Ltd. Irving Texas
222 West Las Colinas Boulevard Suite 900N
IrvingTX
TX 75039

Product Information: '+1 972-443-4000

Transport: DOMESTIC NORTH AMERICA: 800-424-9300 INTERNATIONAL,
CALL +1 703-527-3887 (collect calls accepted): DOMESTIC NORTH AMERICA:
800-424-9300 INTERNATIONAL, CALL +1 703-527-3887 (collect calls accepted)

Version 1.0
Revision Date 08-08-2025
Issue Date 08-10-2025
Ref. 300010002902