

SAFETY DATA SHEET

In compliance with HCS 2012

Version: 1.4

Revision date: 08/12/2017

Edition date: 08/12/2017

Section 1. Identification

Trade name	POLYPHOBE™ TR-117
Substance name	Acrylic copolymer in aqueous dispersion.
Recommended use	See technical data sheet.
Restrictions on use	No information related to restrictions of use to our knowledge.
Supplier	
Name	COATEX Inc
Address	547, Ecology Lane - CHESTER, SC 29706
Telephone	(803) 377-1111
Fax	(803) 581-5995
E-mail	productsafety.fr@Coatex.com
Emergency call	CHEMTREC (24h): 1-800-424-9300

Section 2. Hazard(s) identification

Classification of the product in accordance with paragraph (d) of §1910.1200

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
For full text of H statements: see Section 16.

Pictogram(s): N/A

Signal word	N/A
Hazard statement(s)	N/A
Precautionary statement(s)	N/A
Hazard(s) not otherwise classified	Slightly irritating to eye. May produce an allergic reaction. Does not show any specific hazard of fire or explosion.

See Section 11 for additional toxicological information and Section 12 for additional ecological information.

Section 3. Composition / Information on ingredients

Chemical name Acrylic copolymer in aqueous dispersion.

Hazardous component(s):

Chemical name	CAS #	Concentration (% wt/wt)	Classification according to HCS 2012
N/A	-	-	-
N/A	-	-	-
N/A	-	-	-

For full-text of H-statements: see Section 16.

Section 4. First-aid measures

First aid measures

Inhalation

Not specifically concerned (aqueous liquid).

Skin contact

Remove spoiled clothes. Flush immediately with large amounts of water.

Eye contact

Wash with plenty of water. If irritation persists, see an oculist.

Ingestion

Consult a physician without delay.

Main symptoms/effects, acute and delayed

Slightly irritating to eye. May produce an allergic reaction.

Indication of immediate medical attention and special treatment needed, if necessary

In case of medical care, show this safety data sheet.

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Waterspray. Foam. Powder. Carbon dioxide.

Unsuitable extinguishing media

None.

Specific hazards arising from the chemical

Aqueous liquid: does not show any particular risk in case of fire.

Protection of firefighters

Appropriate protective equipment must be worn in case of fire.

Section 6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures

Appropriate gloves. Protective glasses. Appropriate protection clothes.

Environmental precautions

Prevent product from spreading in the environment. Do not reject to sewer.

Methods and materials for containment and clean-up

Vacuum bulk liquid or absorb it with inert sorbent. Keep the above product for future disposal.

Wash remaining material with plenty of water.

Other information

See Section 13 for disposal considerations and Section 15 for regulatory information.

Section 7. Handling and storage**Handling**

Does not require specific technical measure.

Respect general health and safety rules.

Storage

Conditions	In order to guarantee product quality and properties, store above 5°C and below 40°C and protect from sun rays.
Incompatible materials	Bases (exothermic reaction).
Recommended containers	Plastic materials (polyethylene) Stainless steels.
Not recommended containers	Metals.

7.3. Specific end use(s)

None to our knowledge.

Section 8. Exposure controls / Personal protection**Exposure guidelines**

Component	OSHA	ACGIH	Other
N/A	-	-	-
N/A	-	-	-
N/A	-	-	-

(o): oral; (i): inhalation; (s): skin

Appropriate engineering controls

Does not necessitate specific or particular measure, provided general health and safety procedures are respected.

Personal protective equipment**Eye/face protection**

Safety glasses.

Skin protection

Appropriate clothes and gloves.

Respiratory protection

In case of insufficient ventilation, wear a suitable respiratory protection.

Section 9. Physical and chemical properties

Appearance	
Color	White to bluish.
Physical state	Liquid.
Odor	Mild characteristic odor.
Odor threshold	N/D
pH	3.5
Crystallization point	0°C
Boiling point	100°C (water)
Flash point	> 100°C (closed cup).

Evaporation rate	N/D
Flammability (solid, gas)	N/A
Upper flammability limit	N/D
Lower flammability limit	N/D
Vapor pressure	18 mm Hg at 20°C (water).
Vapor density	N/D
Density	1.08 g/cm ³
Solubility	
in water	Soluble at pH > 7
in solvents	Very slight.
Partition coefficient n-octanol/water	Log Pow (estimated) << 3
Auto-ignition temperature	N/D
Decomposition temperature	N/D
Volatile part by weight	60 %

Section 10. Stability and reactivity

Reactivity

Not reactive in normal use conditions.

Chemical stability

Stable if appropriately used.

Possibility of hazardous reactions

Contact with certain metals may cause corrosion and release of hydrogen.

Conditions to avoid

Respect general health and safety rules.

Incompatible materials

Metals and strong alkali.

Hazardous decomposition products

None to our knowledge.

Section 11. Toxicological information

Acute toxicity

Inhalation	N/D
Ingestion	Commercial product: LD50 (rat) > 5000 mg/kg (OECD 420).
Skin contact	N/D

Skin corrosion/irritation	Commercial product: not irritating to skin (rabbit, OECD 404).
----------------------------------	--

Serious eye damage/irritation	Commercial product: not irritating to eyes (rabbit, OECD 405).
--------------------------------------	--

Respiratory or skin sensitization	N/D
--	-----

CMR effects

Mutagenicity	Commercial product: not mutagenic (OECD 471).
Carcinogenicity	N/D
Toxicity for reproduction	N/D

Specific Target Organ Toxicity

Single exposure	N/D
Repeated exposure	N/D

Aspiration hazard	N/D
--------------------------	-----

Status of the product (NTP, IARC, OSHA)

The product does not contain any substance listed in the NTP Report on Carcinogens (latest edition), or found to be a potential carcinogen in the IARC Monographs, or by OSHA above 0.1%.

Section 12. Ecological information**Ecotoxicity**

Commercial product: LC50 (Brachydanio Rerio, 96h) > 100 mg/L (OECD 203).

Commercial product: EC50 (Daphnia Magna, 48h) > 100 mg/L (OECD 202).

Commercial product: EC50 (Algae, 72h) > 100 mg/L.

Persistence and degradability

Poorly biodegradable.

Bioaccumulative potential

Bioaccumulation is not expected.

Partition coefficient n-octanol/water: Log Pow (estimated) << 3

Mobility in soil

Target compartment of the product: Water.

Environmental fate

Does not persist in water. Is removed through precipitation and adsorption processes. Does not present a significant risk to aquatic organisms at low concentrations (less than 100 mg/L).

Section 13. Disposal considerations**US EPA Waste Number**

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Disposal of the product

Do not reject to sewer.

Burn in an approved plant.

Disposal of the packaging

Empty thoroughly packaging then clean it with water before disposal.

Burn in an approved plant.

Section 14. Transport information

Not regulated for transport.

UN No	UN proper shipping name	Hazard class	Packing group	Environmental hazards	Other information/Special Precautions for user
-	-	-	-	-	-

Section 15. Regulatory information

Federal

TSCA	All components are either listed or otherwise comply with requirements.
SARA Title III Section 313	This product does not contain any substance above 1% subject to reporting requirements at or above de minimis quantities.
CERCLA Reportable quantity	The components in this product are either not CERCLA regulated, regulated but present in negligible concentrations, or regulated with no assigned reportable quantity.

International

DSL	All components are DSL listed.
-----	--------------------------------

Section 16. Other information

HMIS® System

Health	1 - Irritation or minor reversible injury possible.
Flammability	0 - Material that will not burn.
Physical hazard	0 - Material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive.
Personal protection	A - Safety glasses.

NFPA system

Health hazard	1 - Exposure could cause irritation but only minor injury even if no treatment is given
Flammability	0 - Material that will not burn
Instability	0 - Normally stable, even under fire exposure conditions, and is not reactive with water.
Special hazards	No special hazard.

Full text of H-statements mentioned in sections 2 and 3

N/A

Updates of the safety data sheet

Sections of the safety data sheet which have been updated:

Sections 7 and 10

Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CMR	Carcinogen, mutagen, or reproductive toxicant
DSL	Domestic Substance List
HCS	Hazard Communication Standard
HMIS	Hazardous Materials Identification System
(i)	Inhalation
IARC	International Agency for Research on Cancer
N/A	Not applicable
N/D	Not determined
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program

(o)	Oral
OSHA	Occupational Safety & Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
REL	Recommended Exposure Limit
(s)	Skin
SARA	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average

Note: In this document, the decimal separator is « . » (point).

This leaflet completes the technical data sheet but does not replace it. The information contained herein is based on the state of our knowledge relative to the commercial product, at the date of 08/12/2017. It is offered in good faith. The attention of user is moreover drawn on the hazards that can eventually be encountered when a product is used to other uses than the one for which it is made.

END OF THE DOCUMENT