


SAFETY DATA SHEET EXPERTGEL EG312 version E	 PolymerExpert
	RF-PRO18025-A
	Cf. PR-PRO17001

1 PRODUCT AND COMPANY IDENTIFICATION

Product name

ExpertGel EG312

Synonyms

Poloxamer 338 (and) PPG-51/SMDI Copolymer

Cas number

9003-11-6, 9042-82-4

Intended use

Thermosensitive rheology modifier

Supplier details

Company

PolymerExpert
1 Allée du Doyen Georges BRUS
33600 PESSAC - FRANCE
Tel. : 33 (0)5 56 04 02 00
Email : contact@polymerexpert.fr

Emergency telephone number

Company

PolymerExpert
Tel.: 33 (0)5 56 04 02 00
Opening time: 9h-12h / 13h30-18h

2 HAZARDS IDENTIFICATION

Classification

This substance is not classified as dangerous (in accordance with Directives 1999/45 / EC and 67/548 / EEC and Regulation 1272/2008 [EU-GHS / CLP]
Acute Oral Toxicity category 5


Labelling

Symbol	Not applicable
Signal word	Not applicable
Hazard statement	Not applicable
Precautionary statements	Not applicable

This product should only be used in the application for which it is intended as specified in section 1. The health and safety studies performed on this product have shown that under normal conditions of use, this product presents minimal risk to health.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Substance composition	70-90% Poloxamer 338, 10-30% PPG-51/SMDI copolymer
CAS	9003-11-6, 9042-82-4
INCI	Poloxamer 338 (and) PPG-51/SMDI copolymer

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4 FIRST AID MEASURES

Inhalation

Move the exposed person to fresh air at once. Rinse nose and mouth with cold water. Seek medical attention if necessary.

Ingestion

NEVER MAKE VOMIT OR DRINK FLUIDS! Rinse mouth with cold water thoroughly. Seek medical attention if necessary.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and cold water. Seek medical attention if necessary.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of cold water while lifting the eye lids. Continue to rinse for at least 15 minutes. Seek medical attention if necessary.

5 FIREFIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide, dry chemical powder, or water spray.

Firefighting procedures

Evacuate the area. Prevent waste from firefighting from entering into the sewer or potable water lines. Firefighters should use standard protection equipment, and in confined spaces use an appropriate individual respiratory device. Use water to cool exposed surfaces and protect personnel.

Dangerous combustion products

Aldehydes, carbon monoxide, carbon dioxide, smoke and vapors, incomplete combustion products.

Special protective equipment and precaution for firefighters

Wear a respirator.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear protective equipment as described in section 8.

Environmental precautions

Do not discharge into the sewer or in the natural environment.


Methods and materials for containment and cleaning

Recover the product in a container; dispose of the collected material in accordance with section 13.

7 HANDLING AND STORAGE

Precautions for safe handling

Handle as a chemical. This material does not require special handling precautions.

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Conditions for safe storage, including incompatibilities

Keep away from ignition sources, store in a cool (<45 ° C), dry and well-ventilated place

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameter / exposure control

Observe workplace exposure limits and minimize the risk of inhalation of vapors.

Engineering measures

Provide adequate ventilation.

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

Personal Protective Equipment (PPE)

Skin protection

Use gloves when handling this material.

Respiratory protection

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Hand protection

Use suitable protective gloves if risk of skin contact.

Eye protection


If risk of splashing, wear safety goggles or face shield.

Other protection

Wear appropriate clothing to prevent any possibility of skin contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Transparent to opaque/colorless (white) granular powder
Color	White
Solubility	Soluble in water, ethyl acetate, methyl ethyl ketone and alcohol
Relative density	1.05
Vapor pressure	<1 mbar
Vapor density	Not determined
Flash point (°C)	>100
pH (7.5% water solution)	6.0 - 7.5
Viscosity (at 25°C)	10-60 mPa.s
Viscosity (at 45°C)	30-70 Pa.s
Odor	Faint specific odor
Dust explosion test	None explosive dust according to EN 14034-1 and EN 14034-2

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10 STABILITY AND REACTIVITY

Chemical stability

Stable product under normal conditions.

Possibility of hazardous reactions

The product does not polymerize under normal conditions.

Conditions to avoid

Avoid high temperatures and fire source.

Incompatible material

Avoid strong oxidants.

Hazardous decomposition products

No decomposition at room temperature.

11 TOXICOLOGICAL INFORMATION

Acute Dermal Irritation (OECD 404)	Unclassified / Non-irritating
Acute Oral Toxicity (OECD 423)	Category 5, LD50 > 2000 mg/kg
Bacterial Reverse Mutation (OECD 471)	Non mutagenic
Cytotoxicity (ISO 10993-5:2009)	Non cytotoxic
Mucous Membrane Tolerance (SkinEthic)	Non-irritating
Skin Sensitization (OECD 406)	Non-irritating
Ocular Irritation (OECD 405)	Non-irritating
Inhalation	Negligible risk

12 ECOLOGICAL INFORMATION

The information provided below is based upon information available on the actual product or information from similar products.

Toxicity

Product is not liable to be toxic to fish and wildlife.

Persistence and degradability

The product is classified as non-biodegradable according to OECD 301B and EU92/69 EEC C.4-C.

Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.


Mobility in soil

Product is soluble in water and is therefore liable to be distributed in water systems.

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

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14 TRANSPORT INFORMATION

UN number	Not applicable
UN Proper shipping name	Not applicable
Transport hazard class	Not applicable
Packing group	Not applicable
Marine pollutant	No
Special precautions	Not applicable

15 REGULATORY INFORMATION

Regulations / particular legislation in the substance or in the mixture regarding safety, health and environment

This product is not classified as dangerous according to directives 99/45/CE and 67/548/CEE.

This product is not subject to CE regulation.


Chemical safety assessment

No chemical safety assessment in accordance with EU REACH CH N ° 1907/2006 has been carried out for this product.

16 OTHER INFORMATION

The given indications are founded on our present knowledge basis but cannot guarantee the products properties and have no legal eligibility.

PREPARED BY

Name / Trigram	Function	Date and signature
PEA	Ana Simão Pradère Quality & Regulatory Affairs Manager	2019.06.08 

This document was prepared according to the GHS, REACH regulation 1907/2006/CE and CLP 1272/2008/CE.