

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

SECTION 1. IDENTIFICATION

Product name : Shell Polymers Polyethylene Homopolymer
Product code : E6126, E6136, E6010, E6037, E6046, E6155, E6159, E6049, E6104, E6108
Other means of identification : 63B072, 63B072S, 63F072, 63L072, 65N8, 65N8U

Manufacturer or supplier's details

Manufacturer/Supplier : **Shell Chemical LP**
PO Box 576
HOUSTON TX 77001
USA

Telephone : 1-800-240-6737 1-855-697-4355
Telefax :

Recommended use of the chemical and restrictions on use

Recommended use : Thermoplastic resin for extrusion, film blowing, or moulding applications.

Restrictions on use : Manufacture of FDA Class II and III medical devices and storage or containment of radioactive materials., This product must not be used in applications other than the above without first seeking the advice of the supplier.
This product must not be used in applications other than those listed in Section 1 without first seeking the advice of the supplier.

SECTION 2. HAZARDS IDENTIFICATION

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

Based on available data, the classification criteria are not met.

GHS label elements

Hazard pictograms : No Hazard Symbol required

Signal word : No signal word

Hazard statements : PHYSICAL HAZARDS:
Not classified as a physical hazard under GHS criteria.
HEALTH HAZARDS:
Not classified as a health hazard under GHS criteria.
ENVIRONMENTAL HAZARDS:
Not classified as an environmental hazard under GHS criteria.

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

Precautionary statements : **Prevention:**
No precautionary phrases.

Response:
No precautionary phrases.

Storage:
No precautionary phrases.

Disposal:
No precautionary phrases.

Other hazards which do not result in classification

Spilled product may present a dangerous slipping hazard.

The classification of this material is based on OSHA HCS 2024 criteria.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance
Substance name : Shell Polymers Polyethylene Homopolymer, 9002-88-4

CAS-No. : 9002-88-4

Components

Chemical name	Synonym	CAS-No.	Concentration (% w/w)
Polyethylene	Polyethylene	9002-88-4	>= 99

No Hazardous ingredients, or are below required disclosure limits

SECTION 4. FIRST-AID MEASURES

General advice : Not expected to be a health hazard when used under normal conditions.

If inhaled : No treatment necessary under normal conditions of use.
If symptoms persist, obtain medical advice.

In case of skin contact : Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available.
If persistent irritation occurs, obtain medical attention.

In case of eye contact : Flush eye with copious quantities of water.
Remove contact lenses, if present and easy to do. Continue rinsing.
If persistent irritation occurs, obtain medical attention.

If swallowed : In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.

Most important symptoms : Not considered to be an inhalation hazard under normal con-

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

and effects, both acute and delayed

ditions of use.

Possible respiratory irritation signs and symptoms may include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing.

No specific hazards under normal use conditions.

Skin irritation signs and symptoms may include a burning sensation, redness, or swelling.

No specific hazards under normal use conditions.

Eye irritation signs and symptoms may include a burning sensation, redness, swelling, and/or blurred vision.

No specific hazards under normal use conditions.

Ingestion may result in nausea, vomiting and/or diarrhea.

Protection of first-aiders

: When administering first aid, ensure that you are wearing the appropriate personal protective equipment according to the incident, injury and surroundings.

Notes to physician

: Call a doctor or poison control center for guidance. Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media : Do not use water in a jet.

Specific hazards during fire-fighting : Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
Hazardous combustion products may include:
A complex mixture of airborne solid and liquid particulates and gases (smoke).
Carbon monoxide may be evolved if incomplete combustion occurs.
Unidentified organic and inorganic compounds.

Specific extinguishing methods : Standard procedure for chemical fires.

Special protective equipment for firefighters : Proper protective equipment including chemical resistant gloves are to be worn; chemical resistant suit is indicated if large contact with spilled product is expected. Self-Contained Breathing Apparatus must be worn when approaching a fire in a confined space. Select fire fighter's clothing approved to relevant Standards (e.g. Europe: EN469).

Further information : Clear fire area of all non-emergency personnel.
Keep adjacent containers cool by spraying with water.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Observe all relevant local and international regulations.
Avoid raising a dust cloud.

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

Material can create slippery conditions.
Avoid contact with skin, eyes and clothing.
Isolate hazard area and deny entry to unnecessary or unprotected personnel.
Do not breathe fumes, vapour.
Do not operate electrical equipment.

Environmental precautions : Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.
Use appropriate containment to avoid environmental contamination.
Ventilate contaminated area thoroughly.

Methods and materials for containment and cleaning up : Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.

Additional advice : For guidance on selection of personal protective equipment see Section 8 of this Safety Data Sheet.
For guidance on disposal of spilled material see Section 13 of this Safety Data Sheet.

SECTION 7. HANDLING AND STORAGE

Technical measures : Avoid breathing of or direct contact with material. Only use in well ventilated areas. Wash thoroughly after handling. For guidance on selection of personal protective equipment see Section 8 of this Safety Data Sheet.
Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.

Advice on safe handling : Avoid contact with skin, eyes and clothing.
Avoid generation or accumulation of dusts.
Avoid breathing dust.
Take precautionary measures against static discharges.
Ensure all equipment is electrically grounded before beginning transfer operations.
Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations.
Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

Handling of Combustible Particulate Solids, for safe handling.
Avoid generating heat during transfer operations.
Spills may present a slip hazard.

Avoidance of contact : Strong oxidising agents.

Conditions for safe storage : Take measures to prevent the build up of electrostatic charge.
Keep tightly closed in a dry and cool place.
Refer to section 15 for any additional specific legislation covering the packaging and storage of this product.

Further information on storage stability : Tanks must be clean, dry and rust-free.
Must be stored in a diked (bunded) well-ventilated area, away from sunlight, ignition sources and other sources of heat.
Drums should be stacked to a maximum of 3 high.
Storage Temperature:
Ambient.

Packaging material : Suitable material: For containers or container linings, use mild steel or high density polyethylene.

Specific end use(s)

Specific use(s) : Not applicable

Ensure that all local regulations regarding handling and storage facilities are followed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

For dusty conditions, ACGIH recommends for insoluble and poorly soluble particles not otherwise specified an 8-hour TWA of 10mg/m³ (inhalable particles), and 3 mg/m³ (respirable particles)., For dusty conditions, OSHA recommends for particulates not otherwise regulated an 8-hour TWA of 15 mg/m³ (total dust), and 5 mg/m³ (respirable fraction).
Contains no substances with occupational exposure limit values.

Biological occupational exposure limits

No biological limit allocated.

Monitoring Methods

Monitoring of the concentration of substances in the breathing zone of workers or in the general workplace may be required to confirm compliance with an OEL and adequacy of exposure controls. For some substances biological monitoring may also be appropriate.
Validated exposure measurement methods should be applied by a competent person and samples analysed by an accredited laboratory.
Examples of sources of recommended exposure measurement methods are given below or contact the supplier. Further national methods may be available.
National Institute of Occupational Safety and Health (NIOSH), USA: Manual of Analytical Methods <http://www.cdc.gov/niosh/>
Occupational Safety and Health Administration (OSHA), USA: Sampling and Analytical Methods <http://www.osha.gov/>
Health and Safety Executive (HSE), UK: Methods for the Determination of Hazardous Substances

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

es <http://www.hse.gov.uk/>

Institut für Arbeitsschutz Deutschen Gesetzlichen Unfallversicherung (IFA) , Germany

<http://www.dguv.de/inhalt/index.jsp>

L'Institut National de Recherche et de Sécurité, (INRS), France <http://www.inrs.fr/accueil>

Monitoring the oxygen content of the air is often the best means of ensuring safety. There are substantial risks if the concentration of oxygen in the atmosphere varies from the normal (20.8%) under normal atmospheric pressure.

Engineering measures : Adequate ventilation to control airborne concentrations.
Local exhaust ventilation is recommended.
Eye washes and showers for emergency use.
The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Select controls based on a risk assessment of local circumstances.
Appropriate measures include:

General Information

Define procedures for safe handling and maintenance of controls.

Educate and train workers in the hazards and control measures relevant to normal activities associated with this product.

Ensure appropriate selection, testing and maintenance of equipment used to control exposure, e.g. personal protective equipment, local exhaust ventilation.

Drain down system prior to equipment break-in or maintenance.

Retain drain downs in sealed storage pending disposal or subsequent recycle.

Always observe good personal hygiene measures, such as washing hands after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned.

Practice good housekeeping.

Personal protective equipment

Respiratory protection : In accordance with good industrial hygiene practices, precautions should be taken to avoid breathing of material.
If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, select respiratory protection equipment suitable for the specific conditions of use and meeting relevant legislation.
Check with respiratory protective equipment suppliers.
Select a suitable P1 air purifying respirator for inert particles
Where air-filtering respirators are unsuitable (e.g. airborne concentrations are high, risk of oxygen deficiency, confined space) use appropriate positive pressure breathing apparatus.
Where air-filtering respirators are suitable, select an appropriate combination of mask and filter.

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

Hand protection	Respiratory irritation signs and symptoms may include a temporary burning sensation of the nose and throat, coughing, and/or difficulty breathing.
Remarks	: Recommended preventive skin protection Protective gloves against thermal risks Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturizer is recommended. For continuous contact we recommend gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes where suitable gloves can be identified. For short-term/splash protection we recommend the same but recognize that suitable gloves offering this level of protection may not be available and in this case a lower breakthrough time maybe acceptable so long as appropriate maintenance and replacement regimes are followed. Glove thickness is not a good predictor of glove resistance to a chemical as it is dependent on the exact composition of the glove material. Glove thickness should be typically greater than 0.35 mm depending on the glove make and model.
Eye protection	: Safety glasses with side-shields
Skin and body protection	: Where risk of splashing or in spillage clean up, use chemical resistant one-piece overall with integral hood, chemical resistant knee length boots and chemical resistant gloves. Otherwise use chemical resistant apron and gauntlets. For spillage clean up use chemical resistant knee length boots.
Protective measures	: Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.
Hygiene measures	: Wash hands before eating, drinking, smoking and using the toilet. Launder contaminated clothing before re-use.
Thermal hazards	: When handling heated product, wear heat resistant gloves, safety hat with chin strap, face shield (preferably with a chin guard), safety glasses, heat resistant coveralls (with cuffs over gloves and legs over boots), neck protection and heavy duty boots, e.g. leather for heat resistance.

Environmental exposure controls

General advice	: Take appropriate measures to fulfill the requirements of rele-
----------------	--

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

vant environmental protection legislation. Avoid contamination of the environment by following advice given in Section 6. If necessary, prevent undissolved material from being discharged to waste water. Waste water should be treated in a municipal or industrial waste water treatment plant before discharge to surface water.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	:	solid
Colour	:	white, colourless, translucent
Odour	:	mild
Odour Threshold	:	not determined
Melting point/freezing point	:	115 - 135 °C
Boiling point/boiling range	:	Not applicable
Flammability (solid, gas)	:	Data not available
Upper explosion limit / Upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Flash point	:	Not applicable
Auto-ignition temperature	:	> 300 °C
Decomposition temperature	:	> 300 °C
pH	:	Not applicable
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Not applicable
Solubility(ies)		
Water solubility	:	insoluble

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

Partition coefficient: n-octanol/water	:	Not applicable
Vapour pressure	:	Data not available
Relative density	:	0.918 - 0.965 Method: ASTM D4052
Density	:	0.918 - 0.965 g/cm ³ (20 °C) Method: ASTM D4052
Relative vapour density	:	Not applicable
Particle characteristics Particle size	:	Data not available

9.2 Other information

Explosives	:	Not applicable
Oxidizing properties	:	Not applicable
Evaporation rate	:	Not applicable
Conductivity	:	Data not available
Surface tension	:	not determined
Molecular weight	:	> 25,000 g/mol

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	The product does not pose any further reactivity hazards in addition to those listed in the following sub-paragraph.
Chemical stability	:	Stable. Accumulation of dust can create an explosion hazard. Dust can be ignited by static electricity, sparks and heat.
Possibility of hazardous reactions	:	Reacts with strong oxidising agents. Hazardous polymerisation does not occur.
Conditions to avoid	:	Extremes of temperature and direct sunlight.
Incompatible materials	:	Strong oxidising agents.
Hazardous decomposition products	:	Hazardous combustion products may include: Carbon dioxide (CO ₂)

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

Carbon monoxide.
Organic Substances

SECTION 11. TOXICOLOGICAL INFORMATION

Basis for assessment : Information given is based on data from similar products.
Unless indicated otherwise, the data presented is representative of the product as a whole, rather than for individual component(s).
Information given is based on data from similar products.

Information on likely routes of exposure

Exposure may occur via inhalation, ingestion, skin absorption, skin or eye contact, and accidental ingestion.

Acute toxicity

Components:

Polyethylene:

Acute oral toxicity	: Remarks: Based on available data, the classification criteria are not met.
Acute inhalation toxicity	: Remarks: Based on available data, the classification criteria are not met.
Acute dermal toxicity	: Remarks: Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Components:

Polyethylene:

Remarks	: Based on available data, the classification criteria are not met.
---------	---

Serious eye damage/eye irritation

Components:

Polyethylene:

Remarks	: Based on available data, the classification criteria are not met.
---------	---

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version
1.6

Revision Date.:
04/29/2026

SDS Number:
800010057181

Print Date.: 05/06/2026
Date of last issue: 11/17/2025
Date of first issue: 09/15/2022

Respiratory or skin sensitisation

Components:

Polyethylene:

Remarks : For respiratory sensitisation:
Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Components:

Polyethylene:

Genotoxicity in vitro : Remarks: Based on available data, the classification criteria are not met.

Genotoxicity in vivo : Remarks: Based on available data, the classification criteria are not met.

Carcinogenicity

Components:

Polyethylene:

Remarks : Based on available data, the classification criteria are not met.

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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 No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

STOT - single exposure

Components:

Polyethylene:

Remarks : Based on available data, the classification criteria are not met.

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

STOT - repeated exposure

Components:

Polyethylene:

Remarks : Based on available data, the classification criteria are not met.

Aspiration toxicity

Components:

Polyethylene:

Not considered an aspiration hazard.

Further information

Components:

Polyethylene:

Remarks : Classifications by other authorities under varying regulatory frameworks may exist.

SECTION 12. ECOLOGICAL INFORMATION

Basis for assessment : Information given is based on product testing.
Unless indicated otherwise, the data presented is representative of the product as a whole, rather than for individual component(s).

Ecotoxicity

Components:

Polyethylene:

Toxicity to fish : Remarks: Practically non toxic, LC/EC/IC 50 > 100 mg/l .

Toxicity to daphnia and other aquatic invertebrates : Remarks: Practically non toxic:
LL/EL/IL50 > 100 mg/l

Toxicity to algae/aquatic plants : Remarks: Practically non toxic:
LL/EL/IL50 > 100 mg/l

Toxicity to fish (Chronic toxicity) : Remarks: NOEC/NOEL/EL10 > 100 mg/l

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: NOEC/NOEL/EL10 > 100 mg/l

Toxicity to microorganisms : Remarks: Data not available

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

Persistence and degradability

Components:

Polyethylene:

Biodegradability : Remarks: Not readily biodegradable.

Bioaccumulative potential

Components:

Polyethylene:

Bioaccumulation : Remarks: Has the potential to bioaccumulate.

Mobility in soil

Components:

Polyethylene:

Mobility : Remarks: Floats on water.

Other adverse effects

Product:

Ozone-Depletion Potential : Remarks: Data available only for some components.

Components:

Polyethylene:

Ozone-Depletion Potential : Remarks: Data available only for some components.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Recover or recycle if possible.
It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.
Do not dispose into the environment, in drains or in water courses.
Waste product should not be allowed to contaminate soil or water.
Disposal should be in accordance with applicable regional, national, and local laws and regulations.

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

Contaminated packaging : Local regulations may be more stringent than regional or national requirements and must be complied with.
Remove all packaging for recovery or waste disposal.
Comply with any local recovery or waste disposal regulations.

SECTION 14. TRANSPORT INFORMATION

National Regulations

49 CFR

Not regulated as a dangerous good

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Maritime transport in bulk according to IMO instruments

Pollution category	: Not applicable
Ship type	: Not applicable
Product name	: Not applicable

Special precautions for user

Remarks : Special Precautions: Refer to Section 7, Handling & Storage, for special precautions which a user needs to be aware of or needs to comply with in connection with transport.

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

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 : No SARA Hazards

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

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 Water Act

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

US State Regulations

Massachusetts Right To Know

No components are subject to the Massachusetts Right to Know Act.

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

US TSCA	: Listed
AU AIIC	: Listed
CA. DSL	: Listed
CN IECSC	: Listed
JP ENCS	: Listed
KR KECI	: Listed
NZ NZIoC	: Listed
PH PICCS	: Listed
TW TCSI	: Listed

SECTION 16. OTHER INFORMATION

Further information

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

NFPA Rating (Health, Fire, Reactivity) 0, 1, 0

Full text of other abbreviations

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 Harmonised 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 Organisation; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardisation; 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 - Organisation 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; TECI - 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

A vertical bar (|) in the left margin indicates an amendment from the previous version.

Sources of key data used to compile the Safety Data Sheet : The quoted data are from, but not limited to, one or more sources of information (e.g. toxicological data from Shell Health Services, material suppliers' data, CONCAWE, EU IUCLID data base, EC 1272 regulation, etc).

Revision Date. : 04/29/2026

SAFETY DATA SHEET.

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Shell Polymers Polyethylene Homopolymer

Version	Revision Date.:	SDS Number:	Print Date.:
1.6	04/29/2026	800010057181	05/06/2026
			Date of last issue: 11/17/2025
			Date of first issue: 09/15/2022

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