

# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 as amended by Commission Regulation (EU) 2020/878 and Regulation (EC) No. 1272/2008

Issuing Date 01-Oct-2021

Revision Date 17-Feb-2025

Revision Number 3.0

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product Code(s)	6D20, 6D43, 6D83GA, 6D83K, BC-20, BC-50, BR-44, C123-01N, C144-04NA, C700-35N, C702-20, C702-20NA, C705-44NA HP, C705-44NA HPV, C7054-07NA, C706-21NA HP, C706-21NA HPV, C7069-100NAV, C7069-100NAV, C7070-35N, C7079-25RNA, C7082-30NA, C7082-30NAV, C7100-50NA, C711-70RNA, C715-12N HP, C715-12N HPV, C719-35RN HP, C758-80NA, C759-21NA, C765-15NA, CD700NAQ, CG150, CG150 V, CG210NA, CG220NA, CG600NA, CG350N, CG350HN, CG70, CG700NA, CG800NAQ, CP100, CP141, CP144, CP180R, CP191, CP195, CP202XP, CP204, CP241, CP284R, CP295, CP295D, CP393, CP396XP, CP396XPD, CP401HC, CP442XP, CP741, CP743, DP-CP 442XP, CS500NA, CSP030N, CSP120NA, CSP70H, D5001-80, DC7056.05, DC7057.02, DR376.01, DS6D21, DS6D81, DS6D82, EP200K, EP440L, EP440N, EP440P, EP445L, EP448R, EP448S, EP548S, ES540S, Gl12V, Gl20H, Gl35V, Gl50, GR35, INSPIRE 107, INSPIRE 114, INSPIRE™ 114 EU, INSPIRE™ 118, INSPIRE™ 137, INSPIRE 153, Inspire 318, INSPIRE™ 364, INSPIRE™ 382, INSPIRE™ 6123EN, KN-501, LGF8100NA, PRB0131, Prisma1410, PRISMA 1910, Prisma3410, Prisma6410, PRISMA 6810, R131-02A, R132-02A, R7021-50RNA, RCP2303, RF 150SS, RF70, RG450NA, RG70Q, RP142, RP144, RP149, RP225M, RP250, RP270G, RP340R, RP340S, RP350, RP650, RSP080R, RSP1000NAR, RSP100NA, RSP230NA, RT100N, RT400NAQ, RT550N, T12150C, T1230C, T12600C, T12700X, T12900C, T14003F, T14005P2, T14350P, T14355W2, T14360P3, T14450M, T14700P2, T14900M, T16035NB, T16120Q4, T16350WV, T16550WV, T16800WV, T171000M, T17900C, T18300C, TR3015WV2, TR3350CW2, TR3350MS, TR3400MS, Widespec, CP284RD.	
Product Name	Polypropylene Copolymer	
Synonyms	None	
Pure substance/mixture	Mixture	
1.2. Relevant identified uses of the	substance or mixture and uses advised against	
Recommended use	Polymer preparations and compounds	
Uses advised against	No information available	
1.3. Details of the supplier of the safety data sheet		
Importer Braskem Netherlands BV Weena 238-240, 9th Floor Tower C NL - 3012NJ- Rotterdam, Netherlands Telephone: +31 10 798 5002	5	
For further information, please con E-mail address	<u>tact</u> polymer.compliance-europe@braskem.com	

### 1.4. Emergency telephone number

#### **Emergency telephone**

CHEMTREC International: +1 703-741-5970

Emergency telephone - §45 - (EC)12	72/2008
Europe	112

# **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

# Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

#### 2.2. Label elements

Hazard statements Not classified

# Unknown acute toxicity

100 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

- 100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

#### Additional information

The synthetic polymer microparticles supplied is subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council.

#### 2.3. Other hazards

Special danger of slipping by leaking/spilling product. Electrostatic charges may be generated during handling. If small particles are generated during processing or handling, this product may form combustible dust concentrations in air. This substance does not meet the PBT/vPvB criteria of REACH, annex XIII

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors.

# SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable

#### 3.2 Mixtures

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Ethylene-Propylene polymer 9010-79-1	>99	-	618-455-4	(F)	-	-	-

Classification according to Regulation (EC) No. 1272/2008 [CLP] - Notes

[F] - Although non-hazardous, the manufacturer chooses to disclose the composition

Full text of H- and EUH-phrases: see section 16

#### Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture

### based on its components.

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59).

This product contains one or more synthetic polymer microparticles as defined by entry 78 of Annex XVII to Regulation (EC) No. 1907/2006.

Chemical name	CAS No.	Weight-%	Synthetic polymer microparticles
Ethylene-Propylene polymer	9010-79-1	>99	Х

# **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

Inhalation	Remove to fresh air. Medical aid is necessary if symptoms appear to be an obvious consequence of inhalation.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin contact	After contact with product or dust: Wash skin with soap and water. Get medical attention if irritation develops and persists. After contact with molten product, cool skin area rapidly with cold water. Removal of solidified molten material from skin requires medical assistance.
Ingestion	Do NOT induce vomiting. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.
4.2. Most important symptoms and	effects, both acute and delayed
Symptoms	Product dust may be irritating to eyes, skin and respiratory system.
4.3. Indication of any immediate me	edical attention and special treatment needed
Note to doctors	Treat symptomatically.
SECTION 5: Firefighting m	easures
SECTION 5: Firefighting m 5.1. Extinguishing media	easures
	CO2, dry chemical, dry sand, alcohol-resistant foam. Water spray or fog.
5.1. Extinguishing media	
5.1. Extinguishing media Suitable Extinguishing Media	CO2, dry chemical, dry sand, alcohol-resistant foam. Water spray or fog. Do not use a solid water stream as it may scatter and spread fire.
5.1. Extinguishing media Suitable Extinguishing Media Unsuitable extinguishing media	CO2, dry chemical, dry sand, alcohol-resistant foam. Water spray or fog. Do not use a solid water stream as it may scatter and spread fire.
5.1. Extinguishing media Suitable Extinguishing Media Unsuitable extinguishing media 5.2. Special hazards arising from the	CO2, dry chemical, dry sand, alcohol-resistant foam. Water spray or fog. Do not use a solid water stream as it may scatter and spread fire. <b>The substance or mixture</b> Avoid generation of dust. Fine dust dispersed in air may ignite. Powders, dusts, shavings,
5.1. Extinguishing media Suitable Extinguishing Media Unsuitable extinguishing media 5.2. Special hazards arising from the Specific hazards arising from the chemical	CO2, dry chemical, dry sand, alcohol-resistant foam. Water spray or fog. Do not use a solid water stream as it may scatter and spread fire. <b>The substance or mixture</b> Avoid generation of dust. Fine dust dispersed in air may ignite. Powders, dusts, shavings,

# SECTION 6: Accidental release measures

# 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation. Avoid generation of dust. Do not breathe dust. Avoid contact with eyes. Use personal protective equipment as required. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges.
For emergency responders	Use personal protection recommended in Section 8.
6.2. Environmental precautions	
Environmental precautions	Do not allow into any sewer, on the ground or into any body of water. Prevent product from entering drains. See Section 12 for additional Ecological Information.
6.3. Methods and material for contai	nment and cleaning up
Methods for containment	Prevent further leakage or spillage if safe to do so. Prevent dust cloud.
Methods for cleaning up	Take up with inert, damp, non-combustible material using clean non-sparking tools and place into loosely covered plastic containers for later disposal. Pick up and transfer to properly labelled containers.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.
6.4. Reference to other sections	
Reference to other sections	See section 8 for more information See section 13 for more information

# SECTION 7: Handling and storage

# 7.1. Precautions for safe handling

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. Avoid generation of dust. Do not breathe dust. Avoid contact with eyes. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. Airborne dusts are potentially explosive. Avoid significant deposits of material, especially on horizontal surfaces, which may become airborne and form combustible dust clouds and may contribute to secondary explosions. Handling and processing operations should be conducted in accordance with 'best practices' (e.g. NFPA-654).
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Regular cleaning of equipment, work area and clothing is recommended.
7.2. Conditions for safe storage, inc	cluding any incompatibilities
Storage Conditions	Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals.
7.3. Specific end use(s)	
Specific use(s)	Polymer preparations and compounds.
SECTION 8: Exposure con	trols/personal protection

#### 8.1. Control parameters

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

#### **Biological occupational exposure limits**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) - Workers No information available

Derived No Effect Level (DNEL) - General Public No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering controls	Showers Eyewash stations Ventilation systems.
Personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles). During hot processing: Tight sealing safety goggles. If there is a risk of contact: Face protection shield. Eye protection must conform to standard EN 166.
Hand protection	Wear suitable gloves. Heat resistant gloves are recommended when handling molten materials. Gloves must conform to standard EN 374.
Skin and body protection	Wear suitable protective clothing During hot processing: Long sleeved clothing, Protective shoes or boots.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.
General hygiene considerations	Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Regular cleaning of equipment, work area and clothing is recommended.
Environmental exposure controls	No information available.

# **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

Appearance	Translucent, White pellets	
Physical state	Solid	
Colour	White	
Odour	No information available	
Odour threshold	No information available	

Property Melting point / freezing point	Values	Remarks • Method
Initial boiling point and boiling range		No data available
Flammability		No data available
Flammability Limit in Air		
Upper flammability or explosive limits		No data available
Lower flammability or explosive limits		No data available
Flash point		No data available
Autoignition temperature	> 400 °C	
Decomposition temperature		No data available
рН		No data available
pH (as aqueous solution)		No data available
Kinematic viscosity		No data available
Dynamic viscosity		No data available
Water solubility	Insoluble in water	
Solubility(ies)		No data available
Partition coefficient		No data available
Vapour pressure		No data available
Relative density	0.90 - 0.92 g/cm <sup>3</sup>	
Bulk density		No data available
Liquid Density		No data available
Vapour density		No data available
Particle characteristics		
Particle Size		No data available
Particle Size Distribution		No data available

#### 9.2. Other information

**9.2.1. Information with regards to physical hazard classes** Not applicable

# 9.2.2. Other safety characteristics

No information available

# SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity

None under normal use conditions.

10.2. Chemical stability

Stability

Stable under normal conditions.

Explosion data Sensitivity to mechanical impact None. Sensitivity to static discharge Yes.

10.3. Possibilit	y of	hazardous	reactions

**Possibility of hazardous reactions** None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid

Excessive heat. Heating in air. Dust formation.

#### 10.5. Incompatible materials

Incompatible materials None known based on information supplied.

#### 10.6. Hazardous decomposition products

Hazardous decomposition products Decomposition products depend on temperature, exposure to air, and the presence of other substances. Processing may release irritating fumes, olefinic and paraffinic compounds, carbon monoxide, and carbon dioxide. Potential thermal decomposition products include trace aldehydes (including formaldehyde), alcohols, organic acids, and hydrocarbons.

# SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Information on likely routes of exposure

#### Product Information

Inhalation	Specific test data for the substance or mixture is not available. Inhalation of dust in high concentration may cause irritation of respiratory system.
Eye contact	Specific test data for the substance or mixture is not available. Dust contact with the eyes can lead to mechanical irritation.
Skin contact	Specific test data for the substance or mixture is not available. Contact with dust can cause mechanical irritation or drying of the skin.
Ingestion	Specific test data for the substance or mixture is not available. May cause irritation of the mouth, throat and stomach.
umptome related to the physical	chemical and toxical adjust characteristics

#### Symptoms related to the physical, chemical and toxicological characteristics

ory system.
ry :

#### Acute toxicity

#### Numerical measures of toxicity

No information available.

#### Unknown acute toxicity

100 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

100 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitisation	No information available.
Germ cell mutagenicity	No information available.

Contains no ingredients above reportable quantities listed as a carcinogen.			
Reproductive toxicity	No information available.		
STOT - single exposure	No information available.		
STOT - repeated exposure	No information available.		
Aspiration hazard	No information available.		
11.2. Information on other hazards	<u>i _</u>		
11.2.1. Endocrine disrupting prope	erties		
Endocrine disrupting properties	This product does not contain any known or suspected endocrine disruptors.		
11.2.2. Other information			
Other adverse effects	No information available.		
SECTION 12: Ecological in	nformation		
<u>12.1. Toxicity</u>			
Ecotoxicity	The environmental impact of this product has not been fully investigated. Material in pellet or bead form may mechanically cause adverse effects if ingested by waterfowl or aquatic life. Avoid release to the environment.		
12.2. Persistence and degradability			
	<u>/_</u>		
Persistence and degradability	No information available.		
Persistence and degradability <u>12.3. Bioaccumulative potential</u>			
12.3. Bioaccumulative potential	No information available.		
12.3. Bioaccumulative potential Bioaccumulation	No information available.		
12.3. Bioaccumulative potential Bioaccumulation 12.4. Mobility in soil	No information available. No information available. No information available.		
12.3. Bioaccumulative potentialBioaccumulation12.4. Mobility in soilMobility in soil	No information available. No information available. No information available.		
12.3. Bioaccumulative potential         Bioaccumulation         12.4. Mobility in soil         Mobility in soil         12.5. Results of PBT and vPvB ass	No information available. No information available. No information available. essment	PBT and vPvB assessment Not determined	

### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** This product does not contain any known or suspected endocrine disruptors.

### 12.7. Other adverse effects

- Other adverse effects No information available.
- PMT or vPvM properties Based on available data, the classification criteria are not met.

# **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. Should not be released into the environment.
Contaminated packaging	Do not dispose of with household waste. Do not flush to sewer. Do not allow to enter into surface water or drains. Do not reuse empty containers.
Waste codes / waste designations according to EWC / AVV	According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

# **SECTION 14: Transport information**

IMDG 14.1 UN number or ID number 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Environmental hazards 14.6 Special Precautions for Users Special Provisions 14.7 Maritime transport in bulk according to IMO instruments	Not regulated Not regulated Not regulated Not regulated Not regulated Not applicable None No information available
RID14.1UN number14.2UN proper shipping name14.3Transport hazard class(es)14.4Packing group14.5Environmental hazards14.6Special Precautions for Users Special Provisions	Not regulated Not regulated Not regulated Not regulated Not regulated Not applicable
ADR 14.1 UN number or ID number 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Environmental hazards 14.6 Special Precautions for Users Special Provisions	Not regulated Not regulated Not regulated Not regulated Not regulated Not applicable None
IATA 14.1 UN number or ID number 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Environmental hazards 14.6 Special Precautions for Users Special Provisions Note:	Not regulated Not regulated Not regulated Not regulated Not regulated Not applicable None None

# SECTION 15: Regulatory information

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

France

#### **Occupational Illnesses (R-463-3, France)**

Chemical name	French RG number
Ethylene-Propylene polymer	-
9010-79-1	

#### Germany

Water hazard class (WGK) non-hazardous to water (nwg)

#### Netherlands

#### Water contaminating class (Netherlands)

Chemical name	Netherlands - List of	Netherlands - List of	Netherlands - List of
	Carcinogens	Mutagens	Reproductive Toxins
Ethylene-Propylene polymer	-	-	-

#### **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

#### Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV). This product contains one or more substance(s) subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

# **Persistent Organic Pollutants**

Not applicable

# Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

#### Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC) SR 814.018 Not applicable

#### WPO (GSchV) SR 814.201; WPA (GSchG) SR 814.20

Not applicable

### International Inventories

Contact supplier for inventory compliance status

#### 15.2. Chemical safety assessment

**Chemical Safety Report** 

No information available

# SECTION 16: Other information

# Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend

ATE: Acute Toxicity Estimate SVHC: Substances of Very High Concern for Authorisation: PBT: Persistent, Bioaccumulative, and Toxic (PBT) Chemicals vPvB: Very Persistent and very Bioaccumulative (vPvB) Chemicals

# Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

### Key literature references and sources for data used to compile the SDS

U.S. Environmental Protection Agency ChemView Database European Food Safety Authority (EFSA) European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA\_RAC) European Chemicals Agency (ECHA) (ECHA\_API) EPA (Environmental Protection Agency) Acute Exposure Guideline Level(s) (AEGL(s)) U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act U.S. Environmental Protection Agency High Production Volume Chemicals Food Research Journal Hazardous Substance Database International Uniform Chemical Information Database (IUCLID) Japan GHS Classification Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS) NIOSH (National Institute for Occupational Safety and Health) National Library of Medicine's ChemID Plus (NLM CIP) National Toxicology Program (NTP) New Zealand's Chemical Classification and Information Database (CCID) Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme Organisation for Economic Co-operation and Development Screening Information Data Set World Health Organization

Issuing Date	01-Oct-2021
Revision Date	17-Feb-2025

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

#### Disclaimer

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.

**End of Safety Data Sheet**