

Safety Data Sheet

acc. to OSHA HCS



1 Identification

Trade Name	BP FLEX A 5005		
Manufacturer	Buckeye Polymers Inc.	Recommended Use	Injection Molding
Manufacturer Address	104 Lee St. Lodi, OH 44254	Restrictions on Use	
Manufacturer Phone	(330) 948-3007		
Emergency Phone	(330) 948-3007		

2 Hazard(s) identification

Classification of the substance or mixture: Classification (GHS-US)		Hazard Statement: if small particles are generated during further processing, may form combustible dust concentrations in air.
Other Hazards	Non Hazardous	GHS-US Labeling: none
Acute Toxicity (GHS-US)	Non Hazardous	Signal word (GHS-US): WARNING
Additional Information	Plastic liner may cause a static ignition hazard. Spilled pellets may create a slipping hazard. Sweep up spillage and dispose of properly. Skin or eye contact with hot polymer can cause thermal burns.	

3 Composition/information on ingredients

Chemical Name	CASRN	Concentration (%)
Polypropylene	9003-07-0	0-99%
Ethylene propylene copolymer	9010-79-1	0-99%
Substances are non-hazardous and not classified	Various	0-25%
Anti Oxidant	6683-19-8	0-0.25%
Talc	14807-96-6	0-10%
Distillates, hydrotreated heavy paraffinic	64742-54-7	0-70%

Trade Secret Claims

4 First-aid measures

General First Aid Information	No special Measures Required	After Eye Contact	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor
After Inhalation	Supply fresh air; consult doctor in case of complaints	After Swallowing	If symptoms persist, consult a doctor
After Skin Contact	Wash with water and soap; rinse thoroughly; Generally the product does not irritate the skin	Information for doctor	N/A

5 Fire-fighting measures

Suitable extinguishing agents	CO2, extinguishing powder or water spray. Fight large fire with alcohol resistant foam. Use fire fighting measures that suit the environment	Advice for firefighters	No further information available
Special hazards arising from the substance	No further information available	Protective Equipment	Wear self-contained respiratory protective device. Wear fully protective suit.

6 Accidental release measures

Personal precautions, protective equipment, emergency procedure	Remove persons from danger area. Ensure adequate ventilation. Wear protective clothing.	Methods and material for containment and cleaning	Dispose of the collected material according to regulations.
Environmental Precautions	Do not allow product to reach sewage system or any water course. Do not allow to enter sewers / surface or ground water.	Reference to other sections	No dangerous substances are released

7 Handling and storage

Precautions for safe handling	Store in cool, dry place in tightly closed receptacles. Keep away from heat and direct sunlight.	Requirements to be met by storerooms and receptacles	Store in a cool location.
Handling	Packaging to be handled by trained operators	Further information about storage conditions	Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight.
Information: Protection against explosions and fires		Keep ignition sources away - Do not smoke. Protect from heat.	

8 Exposure controls/personal protection

Components with limit value that require monitoring at workplace	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.	Protection of hands	The glove material has to be impermeable and resistant to the product/ the preparation.
Additional information 2	The lists that were valid during the creation were used as basis.	Material of Gloves	The resistance of the glove material can not be calculated in advance
General protective and hygienic measures	The usual precautionary measures for handling chemicals should be followed.	Penetration time of glove material	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection	Safety glasses		

9 Physical and chemical properties

Form	Pellet	Danger of explosion	Product does not present an explosion hazard.
Odor	None	Density at 20 °C (68 °F)	0.905
Change in condition	Melting point/Melting range: Undetermined	Solubility in / Miscibility with Water	
Boiling point/Boiling range		Solubility in / Miscibility with Insoluble	
Flash Point		Solvent Content: Organic solvents	0.0%
Auto igniting	Product is not self igniting	Solids Content	100.0%

10 Stability and reactivity

Chemical Stability		Thermal decomposition	No decomposition if used according to specifications.
Possibility of hazardous reactions	No dangerous reactions known.	Conditions to avoid	No relevant information available.
Incompatible materials	No relevant information available.	Hazardous decomposition products	No dangerous decomposition products known.

11 Toxicological information

Acute Toxicity	Non Hazardous	On the eye	No irritating effect.
On the skin	No irritant effect.	Additional toxicological information	When used and handled according to specifications
Sensitization	No sensitizing effects known.	NTP (National Toxicology Program)	None of the ingredients is listed.
IARC (Agency for Research on Cancer)	None of the ingredients is listed.		

12 Ecological information

Aquatic toxicity	No further relevant information available.	General Notes	Water hazard class 1 (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Persistence and degradability	No relevant information available.		

13 Disposal considerations

Waste treatment Methods	Can be disposed of with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
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14 Transport information

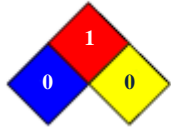
Transportation	US DOT, IMO/IMDG, ICAO/IATA, ADR/RID: Not regulated
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15 Regulatory information

Sara	N/A	Section 355 (extremely hazardous)	None of the ingredients is listed.
Section 313 (toxic chemical listings)	n/a	TSCA (toxic substances control act)	
Proposition 65	n/a	Chemicals known to cause cancer	n/a
Chemicals known to cause reproductive toxicity for females	n/a	Chemicals known to cause reproductive toxicity for males	n/a
Chemicals known to cause developmental toxicity	n/a	EPA (Environmental Protection Agency)	n/a
TLV (Threshold Limit Value established by ACGIH)	n/a	NIOSH-Ca (National Institute for Occupational Safety and Health)	n/a
OSHA-Ca	n/a	Product related hazard information	n/a
Chemical Safety Assessment	n/a		

16 Other information

NFPA ratings (scale 0 - 4)



Health = 0
 Fire = 1
 Reactivity = 0

NFPA rating: Health NFPA rating: Fire NFPA rating: Reactivity

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Department Issuing SDS Safety Department

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Contact

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