



SAFETY DATA SHEET

COLOUR MASTERBATCHES

Including Black Masterbatch, White Masterbatch, and Colour Masterbatch Grades | SDS / MSDS Summary

SECTION 1: IDENTIFICATION

Product Identifier	Colour Masterbatches including Black Masterbatch, White Masterbatch, and Colour Masterbatch grades
Recommended Use	Industrial manufacturing; plastics processing, compounding, extrusion, injection molding, film, packaging, and related polymer applications.
Restrictions on Use	For professional use only. Not intended for food, pharmaceutical, medical, or consumer applications unless separately qualified and approved.
Manufacturer / Distributor	BASEKİM KİMYASAL ÜRÜNLER İÇ VE DIŞ TİC. LTD. ŞTİ.
Address	İLKBAHAR MAH. FAHREDDİN PAŞA SK. NO: 6 ÇANKAYA/ANKARA
Phone	+903125147055
Emergency Phone Number	+903125147055

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Classification	Not classified as hazardous under typical GHS criteria for supplied pellet form. Dust generated during processing may cause mechanical irritation.
Signal Word	Not applicable for normal supplied form. Use workplace controls during melting, grinding, or high-temperature processing.
Hazard Statements	Pellets may create slip hazard if spilled. Thermal processing may release irritating fumes, vapors, or decomposition products. Fine dust may irritate eyes and respiratory tract.
GHS Pictograms	No pictogram required for supplied pellet form. Use appropriate workplace hazard communication if additives, pigments, or processing conditions create additional hazards.
Precautionary Statements	Avoid breathing dust or fumes. Use adequate ventilation. Wear suitable eye protection, gloves, and protective clothing. Keep away from incompatible materials and excessive heat.

Note: Colour masterbatch formulations vary by carrier resin, pigment package, and additive system. The final hazard classification must be confirmed against the exact formulation and regional regulatory requirements.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture	Mixture
General Composition	Polymer carrier resin with pigments, carbon black and/or titanium dioxide where applicable, dispersing agents, processing aids, and additives.



CAS Information	Polymer carrier and additive CAS numbers vary by formulation. Carbon black may be present in black masterbatch grades. Titanium dioxide may be present in white masterbatch grades.
Confidentiality	Exact formulation may be proprietary and available upon qualified regulatory or commercial request.

SECTION 4: FIRST-AID MEASURES

Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Seek medical attention if irritation persists.
Skin Contact	Wash with soap and water. For molten material contact, cool affected area with water; do not remove solidified polymer from skin. Seek immediate medical attention for burns.
Inhalation	Move person to fresh air. If breathing difficulty or irritation occurs, obtain medical attention. Processing fumes should be controlled by ventilation.
Ingestion	Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek medical advice if discomfort occurs.
Symptoms / Effects	Mechanical irritation of eyes, skin, or respiratory tract from dust; thermal burns from molten material; possible irritation from processing fumes.
Required Treatment	Treat symptomatically. For thermal burns, immediate medical evaluation is recommended.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Water spray, foam, dry chemical powder, or carbon dioxide.
Unsuitable Media	Do not use high-pressure water jet where it may scatter burning material.
Specific Hazards	Combustible polymer material. Fire may generate carbon monoxide, carbon dioxide, smoke, irritating fumes, and decomposition products from additives or pigments.
Protective Equipment	Firefighters should wear self-contained breathing apparatus and full protective gear.
Fire-Fighting Advice	Cool exposed containers and packaging with water spray. Prevent fire-fighting runoff from entering drains or waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid slipping on spilled pellets. Avoid dust generation. Wear suitable PPE according to exposure conditions.
Emergency Procedures	Isolate area if large spill occurs. Provide ventilation if dust or fumes are present.
Containment	Sweep, shovel, or vacuum spilled pellets using equipment suitable for polymer materials.
Cleanup Methods	Collect material in clean, labeled containers for reuse or disposal. Avoid discharge to drains, soil, or waterways.



Environmental Precautions	Prevent pellet loss to the environment. Plastic pellets may persist in the environment if released.
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SECTION 7: HANDLING AND STORAGE

Safe Handling	Handle as industrial polymer pellets. Avoid dust generation, excessive heat, and contact with molten material. Use local exhaust ventilation during thermal processing.
Hygiene Measures	Do not eat, drink, or smoke in work areas. Wash hands after handling.
Storage Conditions	Store in a cool, dry, well-ventilated area in original sealed packaging. Protect from moisture, direct sunlight, ignition sources, and contamination.
Incompatibilities	Strong oxidizing agents, open flames, excessive heat, and incompatible chemicals depending on additives.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA PEL	No specific OSHA PEL established for masterbatch pellets as supplied. Apply applicable limits for nuisance dust or formulation-specific ingredients where relevant.
ACGIH TLV	No specific ACGIH TLV established for masterbatch pellets as supplied. Observe limits for airborne particulates and specific pigments/additives if dust is generated.
Engineering Controls	Use general ventilation. Use local exhaust ventilation during extrusion, compounding, grinding, or high-temperature processing.
Eye / Face Protection	Safety glasses with side shields. Use face shield where molten material splash is possible.
Skin Protection	Industrial gloves for general handling. Heat-resistant gloves and protective clothing when handling hot or molten material.
Respiratory Protection	Normally not required for pellet handling. Use approved particulate or organic vapor protection if dust or processing fumes exceed exposure limits.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid polymer pellets or granules; black, white, or coloured depending on grade.
Odor	Odorless to slight polymer odor.
Odor Threshold	Not available.
pH	Not applicable.
Melting / Softening Range	Varies by carrier resin, typically within common thermoplastic processing ranges.
Boiling Point	Not applicable.
Flash Point	Not applicable for solid pellet form.
Flammability	Combustible at elevated temperature or in fire conditions.



Vapor Pressure	Negligible.
Relative Density	Varies by grade, pigment loading, and carrier resin.
Solubility	Insoluble in water.
Decomposition Temperature	Varies by formulation and processing conditions.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal storage and handling conditions.
Chemical Stability	Stable when stored as recommended.
Hazardous Reactions	No hazardous polymerization expected. Thermal decomposition may occur under excessive heat.
Conditions to Avoid	Open flames, ignition sources, overheating, dust accumulation, and incompatible materials.
Incompatible Materials	Strong oxidizing agents and materials incompatible with specific additives or pigments.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, smoke, hydrocarbons, and irritating fumes depending on formulation.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure	Eye contact, skin contact, inhalation of dust or fumes, and accidental ingestion.
Acute Effects	Dust may cause mechanical irritation. Processing fumes may irritate eyes, nose, throat, or respiratory tract.
Chronic Effects	No chronic effects expected from supplied pellet form under normal industrial handling. Formulation-specific ingredients may require separate assessment.
Numerical Toxicity Data	No product-specific LD50/LC50 data available for the mixture.
Skin / Eye Irritation	Not expected to be irritating as supplied; dust may cause mechanical irritation.
Carcinogenicity	Final classification depends on exact formulation and presence of classified pigments/additives, if any.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	No product-specific ecotoxicity data available.
Persistence and Degradability	Expected to persist.
Bioaccumulative Potential	Not expected to bioaccumulate significantly.
Mobility in Soil	Low mobility; may be transported by wind or water if released.
Environmental Protection	Prevent release to drains and waterways.



SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Method	Reuse, recycle, or dispose of according to applicable regulations.
Waste Handling	Do not discharge pellets to the environment.
Incineration	Use controlled industrial incineration only where permitted.

SECTION 14: TRANSPORT INFORMATION

UN Number	Not regulated as dangerous goods in supplied pellet form.
UN Proper Shipping Name	Not applicable.
Transport Hazard Class	Not applicable.
Packing Group	Not applicable.
Environmental Hazards	Not classified as marine pollutant; prevent pellet loss.
Special Precautions	Keep packaging closed, dry, and protected from damage.

SECTION 15: REGULATORY INFORMATION

Regulatory Status	Prepared for industrial communication; verify final classification by formulation and market.
OSHA HCS	Not classified as hazardous as supplied; control processing dust/fumes.
GHS / CLP	
Other Regulations	Comply with applicable chemical, safety, transport, waste, and environmental regulations.

SECTION 16: OTHER INFORMATION

Preparation / Revision Date	22 May 2026
Document Type	Safety Data Sheet (SDS / MSDS) Summary
Prepared For	BASEKİM KİMYASAL ÜRÜNLER İÇ VE DIŞ TİC. LTD. ŞTİ.
Disclaimer	Summary only. Verify with formulation-specific regulatory evaluation and official supplier SDS.