INTERTECH

SDS OF ECOAMIDE 66G30

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME**:** **ECOAMIDE 66G30 ALL COLORS** Nylon Resin

MANUFACTURER: INTERTECH LIMITED
2-23-1 Ogi Adachi-Ku Tokyo, Japan

FOR MORE INFORMATION CALL: 81-3-5837-5550

IN CASE OF EMERGENCY CALL: 81-90-3135-5550

VALIDATION DATE: 7/26/2017

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS NUMBER	WEIGHT %
Polyamide	32131-17-2	60-80
Glass fiber	Not applicable	20-40
Non-regulated additives	Not applicable	< 1

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Resin pellets are not considered hazardous at ambient conditions. Exposure to fire will release irritating, toxic and/or flammable fumes and vapors.

POTENTIAL HEALTH HAZARDS

SKIN: Pellets or dusts in contact with skin may cause mechanical irritation. Hot or molten polymer can burn the skin.

EYES: Contact with powders or dusts may cause mechanical irritation. Thermal processing fumes/vapors may irritate the eyes.

INHALATION: Thermal processing fumes/vapors or dusts may irritate the mucous membranes of the nose and throat.

INGESTION: Ingestion is not a likely route of exposure. Ingestion of product may cause gastrointestinal discomfort.

4. FIRST AID MEASURES

SKIN: For irritation, flush the skin with cool running water. Wash the affected area with mild soap and water. Obtain medical attention if irritation persists. If hot or molten polymer burns the skin, immerse the burned area in cold running water and obtain medical attention immediately.

EYES: Flush eyes with running water. If irritation develops or persists, obtain medical attention.

INHALATION: Remove person to fresh air. If irritation develops or persists, obtain medical attention.

INGESTION: Ingestion is not a likely route of exposure. If product is ingested, seek medical attention.

ADVICE TO PHYSICIAN: There are no specific recommendations for treatment of effects associated with exposure to these products. Base treatments on clinical findings.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: 400°C. (ASTM D-1929)
AUTOIGNITION TEMPERATURE: Not determined.
UPPER FLAME LIMIT (volume % in air): Not applicable.
LOWER FLAME LIMIT (volume % in air): Not applicable.
FLAME PROPAGATION RATE (solids): Not applicable.
OSHA FLAMMABILITY CLASS: Not applicable; solid material.

HAZARDOUS COMBUSTION PRODUCTS: At temperatures above 340°C, heavy fuming, carbon monoxide, carbon dioxide, nitrogen oxides and hydrogen cyanide will occur.

EXTINGUISHING MEDIA: Use any standard agent (water, foam, dry chemical, carbon dioxide).

SPECIAL FIRE FIGHTING INSTRUCTIONS/PRECAUTIONS: Wear self-contained, positive-pressure breathing apparatus (full face-piece type) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR OTHER RELEASE
Sweep or vacuum material and place in container for re-use or disposal. Spills and releases may have to be reported to Federal and/or local authorities.

7. HANDLING AND STORAGE

NORMAL HANDLING: Avoid processing material above recommended thermal processing temperatures. Avoid breathing thermal processing fumes and vapors. Avoid inhalation

and/or skin contact with product dusts or pellets. Avoid dust or pellets in contact with the eyes. Consider the use of local exhaust ventilation at all processing emission points.
Wash thoroughly after handling.

STORAGE RECOMMENDATION:
To maintain product quality store product in a cool, dry area. Keep in a tightly sealed container. Store food grade materials in areas free of pests and hazardous materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Good manufacturing practice and good industrial hygiene practice recommend the use of local exhaust ventilation at thermal processing emission points. Processors should evaluate the need for local exhaust ventilation at each processing emission point.

PERSONAL PROTECTIVE EQUIPMENT

SKIN PROTECTION: Wear gloves when handling drums and when handling hot polymer. Use arm protection to protect against thermal burns.

EYE PROTECTION: Wear safety glasses with side shields as a minimum. Use a face shield when processing molten material.

RESPIRATORY PROTECTION: If dusty conditions exist, use a mechanical filter respiratory.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to white, off-white or colored pellets.
PHYSICAL STATE: Solid.
ODOR: Possibly a slight organic odor.
SPECIFIC GRAVITY (water = 1.0): 1.30-1.40
SOLUBILITY IN WATER (weight %): Insoluble.
PH: Not applicable.
BOILING POINT: Not applicable.
MELTING POINT: 250 - 265°C
VAPOR PRESSURE: Not applicable.
VAPOR DENSITY: Not applicable.
EVAPORATION RATE: Not applicable.
COMPARED TO: Not applicable.
% VOLATILES: 1%.
FLASH POINT: Not determined for solid product.

10. STABILITY AND REACTIVITY

NORMALLY STABLE? (CONDITIONS TO AVOID): Product is stable. Avoid exposure to open flame or temperatures exceeding optimum recommended processing temperatures.

Avoid prolonged exposure to processing temperatures. Consult technical service personnel for recommended processing conditions.

MATERIALS TO AVOID: Strong mineral acids.

CONDITIONS TO AVOID: Heating above 340°C.

HAZARDOUS DECOMPOSITION PRODUCTS:
Thermal breakdown products may include a complex mixture of compounds, including but not limited to carbon monoxide, ammonia, aliphatic amines, amides, ketons, nitriles, and hydrogen cyanide, which may be flammable, toxic and/or irritating. The specific materials generated will vary depending on the additives and colorants used, specific temperature, time of exposure and other immediate environmental factors.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

IMMEDIATE (ACUTE) EFFECTS: Toxicological data concerning immediate (acute) health effects of the product are not available.

DELAYED (SUBCHRONIC AND CHRONIC) EFFECTS: Toxicological data concerning delayed health effects of the product are not available.

12. ECOLOGICAL INFORMATION

No eco toxicological information is available for the products. These products are not considered degradable or toxic in terms of their physical impact.
Pellets left at large (spills) in the general environment may be ingested by animals. Material is expected to have low aquatic toxicity because of its insolubility in water.

13. DISPOSAL CONSIDERATIONS

SPILL OR RELEASE: Clean up by vacuuming or wet sweeping ☐ minimize dust exposure.

WASTE DISPOSAL: Landfill or incineration in compliance with local regulation.

14. TRANSPORT INFORMATION

Not classified as hazardous under transport regulations

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA) INVENTORY STATUS: All components are listed on the TSCA Inventory.

EUROPEAN LABELING IN ACCORDANCE WITH EEC DIRECTIVE: Not subject to labeling.

16. OTHER INFORMATION

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties.