

SAFETY DATA SHEET

1. Identification of the substance and of the supplier

Product identifiers

Product name : PP 1100 NK Powder
Product code : GPNA22101

Relevant identified uses of the substance or mixture and uses advised against

Identified uses : For general plastic industries. Keep away from flame.

Details of the supplier of the safety data sheet

Company : Salee Colour Public Co., Ltd.
858 Moo 2, Soi 1C/1, Bangpu Industrial Estate,
Bangpumai, Muang Samutprakarn,
Samutprakarn 10280, Thailand
Telephone : (662) 323-2601-8
Fax : (662) 323-2227-8

2. Hazards Identification

Regulation (EC) No 1272/2008 : This product is not classified as dangerous according to Regulation (EC) No 1272/2008.

Directive 67/548/EEC : This product is not classified as dangerous according to EU Directive 67/548/EEC.

Regulation (EC) No 1907/2006 : This product is complied REACH Regulation (EC) No 1907/2006.

GHS : Not classified

Label elements : Not applicable

Other hazards : Not applicable

3. Composition/ Information on Ingredients

No.	Ingredient	CAS No.	Content (%)
1	Resin	9003-07-0	≥99

4. First Aid Measures

Description of first aid measures

Inhalation

: Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.

Skin contact

: If molten material comes in contact with the skin, cool under ice water or a running stream of water. DO NOT attempt to remove the material from the skin. Remove could result in severe tissue damage. Get medical attention.

Eye contact

: If molten material should splash into eyes, flush eyes immediately with fresh water for 15 minutes while holding the eyelid open. Remove contact lenses, if worn. Get immediate medical attention.

Ingestion

: Not a probable route of exposure. If person is conscious, rinse mouth with water. Do not induce vomiting unless directed to do so by a physician.

Most important symptoms and effects, both acute and delayed

Skin, eye and respiratory irritation

Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. Fire Fighting Measures**Extinguishing media****Suitable extinguishing media:**

Dry chemical, foam, water fog or carbon dioxide. Avoid using direct streams of water on molten burning material

Hazards during fire-fighting:

Carbon monoxide, carbon dioxide, original monomer other hydrocarbon.

Protective equipment:

Use a mask with universal filler. Use self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measure**Personal precautions:**

Avoid inhalation and direct contact.

Environmental precautions:

Discharge into the environment must be avoided.

Cleanup:

Collect spilled material using a method that minimizes dust generation (e.g. wet methods, HEPA vacuum). Place waste in an appropriate container for disposal. Use care during clean-up to avoid exposure to the material and injury from broken containers.

7. Handling and Storage**Handling:** Use with adequate ventilation. Avoid dust generation. Avoid contact with eyes and skin. Accumulations of dust should be removed from settling areas.**Storage conditions:** Store in a cool, dry, well-ventilated area or silo away from sources of heat, flame and sparks. Ventilate enclosed storage areas, such as trailers and railcars, before entering. Have emergency equipment for fires and spills readily available.**8. Exposure Controls/ Personal Protection****Control parameters**

Component Name	Reference	TWA	
		ppm	mg/m ³
Polypropylene	Italy-OEL	-	10
	Canada-OEL	-	10

Appropriate engineering controls

: Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant exposure limits.

Personal protective equipment

Respiratory protection	:	No special respiration protection is normally required.
Eye protection	:	Wear safety glasses with side shields, goggles or face shield.
Hand Protection	:	Protective gloves
Skin protection	:	Wear suitable protective clothing.
Work/ Hygienic Practices:	:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/ or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Do not eat, drink or smoke during use.

9. Physical and Chemical Properties

a) Appearance	:	Solid
b) Odour	:	Specific odour
c) Odour Threshold	:	Not Applicable
d) pH	:	Not Applicable
e) Melting point/freezing point	:	130-170°C
f) Initial boiling point and boiling range	:	Not Applicable
g) Flash point	:	348°C (ASTM D1929)
h) Evaporation rate	:	Not Applicable
i) Flammability (solid, gas)	:	No data available
j) Upper/lower flammability or explosive limits	:	No data available
k) Vapour pressure	:	No data available
l) Vapour density	:	No data available
m) Relative density	:	-
n) Water solubility	:	Not soluble
o) Partition coefficient: n-octanol/water log K _{ow}	:	No data available
p) Auto ignition temperature	:	380 °C
q) Decomposition temperature	:	No data available
r) Viscosity	:	Not Applicable

10. Stability and Reactivity

Reactivity	:	No data available
Chemical stability	:	This material is considered a stable thermoplastic, with no chemical reactivity under normal ambient and anticipated handling conditions of temperature and pressure.
Possibility of hazardous reactions	:	May cause polymerization.
Conditions to avoid	:	Avoid heating above the recommended processing temperature. DO NOT heat without adequate ventilation.
Incompatible materials	:	Acids
Hazardous decomposition products	:	Hazardous polymerization will not occur.

11. Toxicological Information

Information on the likely routes of exposure

Inhalation	: Not a likely route of exposure. Process fumes may cause irritation
Skin contact	: Not expected to cause skin irritation. Molten material may cause thermal burns.
Eye contact	: Solid particles may cause transient irritation from mechanical abrasion.
Ingestion	: May cause a choking hazard if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics;

May cause redness eye and rash skin

Delayed and immediate effects and also chronic effects from short and long term exposure;

Immediate effects : Irritation to respiratory, skin and eye

Chronic effects : Respiratory effect

Numerical measures of toxicity

Classification of Health Hazards

Acute toxicity estimate : Not classified

Skin corrosion / irritation : No components expected to cause skin corrosion / irritation.

Serious eye damage/eye irritation : No components expected to cause serious eye damage/eye irritation

Respiratory or skin sensitization : No components expected to cause respiratory or skin sensitization.

Germ cell mutagenicity : No components expected to cause mutagenic effect.

Carcinogenicity : No components expected to cause cancer.

Reproductive toxicity : No components expected to cause reproductive effect.

Specific target organ toxicity - single exposure : No components expected to cause specific target organ toxicity - single exposure

Specific target organ toxicity - repeated exposure : No components expected to cause specific target organ toxicity - repeated exposure

Aspiration hazard : No data available

12. Ecological Information

Eco toxicity

Acute aquatic toxicity : No data available

Long term aquatic toxicity : No data available

Persistence and degradability : This material is not expected to be readily biodegradable.

Bio accumulative potential : Product is not likely to accumulate in biological organisms.

Mobility in soil : No relevant studies identified.

Other adverse effects : This substance is not in Annex I of Regulation (EC) 2037/2000 on substances that deplete the ozone layer

13. Disposal Considerations

Disposal Methods: This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. Shelf life considerations should also be applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate. Dispose of by: burial in a land-fill specifically licensed to accept chemical and / or pharmaceutical wastes or Incineration in a licensed apparatus (after admixture with suitable combustible material). Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.

14. Transport Information

Regulatory information	UN number	Class	Packing group	Label	Additional information
DOT	Not regulated	-	-	-	-
ADR / RID	Not regulated	-	-	-	-
IMDG CODE	Not regulated	-	-	-	-
ICAO / IATA	Not regulated	-	-	-	-

15. Regulatory Information

US Toxic Substances Control Act

All components of this product are on the TSCA Inventory.

European Inventory of Existing Commercial Chemical Substances (EINECS)

The components of this product are on the EINECS inventory or are exempt from inventory requirements.

EU Directives 67/548/EEC, 1999/45/EC and Regulation (EC) No 1272/2008

The product is not classified as dangerous for supply according to the Regulation (EC) No 1272/2008 and the EC directive 67/548/EEC and 1999/45/EC.

NFPA - USA

Health – 0, Flammability – 1, Reactivity – 0

HMIS - USA

Health – 0, Flammability – 1, Reactivity – 0

Canada - WHMIS

This product does not meet WHMIS classification criteria.

Canada – DSL

This product is listed in DSL.

16. Other Information

Created: March 30, 2021

The information in this document is based on our best present. Nevertheless, it does not constitute a guarantee for any specific product features and does not establish any a legally binding contract.

DOT	:	Department of Transportation
ADR	:	European agreement concerning the international carriage of dangerous goods by road.
RID	:	Regulations concerning the international carriage of dangerous goods by rail.
IMDG – CODE	:	International maritime dangerous goods code
ICAO	:	International Civil Aviation Organization
IATA	:	International air transport association
GHS	:	Globally Harmonized System of Classification and Labeling of Chemicals
NFPA	:	National Fire Protection Association
HMIS	:	Hazardous Materials Identification System
WHMIS	:	Workplace Hazardous Materials Information System
DSL	:	Domestic Substances List

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