bhansali engineering polymers limited

MATERIAL SAFETY DATA SHEET

TECHNIACE® H270 (IN)

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1.0. IDENTIFICATION OF CHEMICAL

Distinction of single product or mixture	:	Mixture
Chemical identity	:	(Acrylonitrile- Butadiene- Styrene) Resin & Polycarbonate resin alloy
CAS Number	:	9003-56-9 & 25971-63-5
EINECS Number	:	-

2.0. COMPOSITION

Chemical name	Composition	Chemical Formula
Acrylonitrile- Butadiene- Styrene Resin	30 – 75 %	((C8H8)l · (C4H6)m · (C3H3N)n)x
Polycarbonate Resin	25 – 70 %	(C16H14O3)y
Additive agent etc.	0 – 1 %	NA

3.0. HAZARD IDENTIFICATION

Main Hazard : None

4.0. FIRST AID MEASURES

Skin Contact : Wash contaminated skin with soap and water.
If burning occurs, cool the area immediately with cool water.

Eye Contact : Wash contamination with ample quantity of water.

Ingestion : Not likely to ingest. If a large amount is swallowed, seek medical attention.

Inhalation : Precaution should be taken to avoid breathing of dust and vapor if they are generated.

5.0 FIRE FIGHTING MEASURES

Exposure Hazards : The resin burns rapidly once ignited, may release carbon dioxide, cyanides, hydrocarbons etc.

Suitable Extinguisher : Water Fog, CO2, dry chemical, foam Extinguisher.

6.0 ACCIDENTAL RELEASE MEASURES

Personal Protection	:	Wear glasses and mask for dust protection.
Leaks & Spills	:	Collect spilled pellet into suitable container/bags.
Clean-Up Procedure	:	By sweeping or vacuum

7.0 HANDLING AND STORAGE

Handling Requirements	:	Eliminate ignition source While emptying out packages keep clean the area to avoid dust accumulation as static charge may cause fire for the dust.
Storage Precautions	:	Store them in closed containers, bags etc in dry, cool and shadow places. Do not store near fire prone area.

8.0 EXPOSURE CONTROL /PERSONAL PROTECTION

Personal Protection	:	Appropriate Personal Protective.
Exposure Limits	:	N/A
Type	:	N/A
Toxicity	:	Cause low degree of toxicity if vapors are inhaled.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Appearance and color	:	Pellet
Color	:	Light yellow
Odor	:	Odorless
Boiling Point / Range	:	N/A
Melting Point/ Range	:	Above 200° C
Flash point	:	No data
Auto-ignition temperature	:	No data
Explosion characteristic	:	There is a possibility of exploding dust.
Vapor pressure	:	N/A
Relative Density	:	1.07 – 1.16 gm/cc
Solubility	:	Insoluble in water.

10.0. STABILITY AND REACTIVITY

Condition to avoid	: Store in ambient temperature and shade area to avoid direct sun light and high temperature heat source
Stability	: Stable
Material to avoid	: N/A
Hazardous reactions/ Decomposition product	: N/A

11. 0 TOXICOLOGICAL INFORMATION

Acute toxicity	:	N/A
Chronic toxicity	:	N/A
Skin/Eye irritation	:	N/A
Sensitization	:	N/A
Carcinogenicity	:	N/A
Reproductive effect	:	N/A
Mutagenicity	:	N/A

12. 0 ECOLOGICAL EFFECTS

Eco-toxicity	:	N/A
Environmental fate	:	N/A

13.0 DISPOSAL CONSIDERATIONS

Waste Disposal	:	Can be done by appropriate incineration and landfills. Comply with local, state and federal regulation

14.0 TRANSPORTATION INFORMATION

IMDG CODE

UN No.	:	N/A
Packing group	:	N/A
Class	:	N/A

ADR / RID

Subject. ID No.	:	N/A
Class + Item No.	:	N/A

IATA / ICAO

UN No.	:	

15.0 REGULATORY INFORMATION

Classification	:	N/A	
Risk Phrases	:	N/A	OR AS APPROPRIATES
Safety Phrases	:	N/A	

16.0 ADDITIONAL INFORMATION

Additional Information	:	None

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. Neither should any agree property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet.