

MATERIAL SAFETY DATA SHEET*According to 91/155/EC***Product:**
Msds No.: 09L0009**Vicnvl R630NH**
Version 1.0**Page 1 of 3**
Revision Date: 2009/07/24**01- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND
THE COMPANY/UNDERTAKING**

NAME OF THE PREPARATION	Vicnvl R630NH
SUPPLIER	GUANGZHOU KINGFA SCI.&TECH.CO.,LTD
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02-COMPOSITION/INFORMATION ON INGREDIENTS

POLYAMIDE BASED ON 10T	>48% CAS No.: 24938-74-7
FLAME RETARDANT	<20% CAS No.: 225789-38-8
GLASS FIBER	30% CAS No.: 65997-17-3
PROCESSING ADDITIVES	<2%

03-HAZARDS IDENTIFICATION

HEALTH EFFECTS	Limited evidence of a carcinogenic effect Prolonged and /or repeated contacts: Risk of skin sensitization When handled at high temperatures, can cause serious burns
PHYSICAL AND CHEMICAL HAZARDS	Dust can form explosive mixture with air At high temperature thermal decomposition giving flammable and harmful products, formation of toxic products through combustion
SPECIAFIC HAZARDS/EC	Limited evidence of a carcinogenic effect

04-FIRST AID MEASURES

EYE CONTACT	Cool eyes rapidly with plenty of cold water after contact with molten polymer and seek medical advice
SKIN CONTACT	Cool skin rapidly with plenty of cold water after contact with molten polymer and seek medical advice
INGESTION	If vomiting occurs, lower the head to ease vomiting and seek medical advice
INHALATION	Inhalation of vapors due to thermal decomposition: remove to fresh air, oxygen or artificial respiration if needed

05-FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES	Flash point: Not determined Auto ignition temperature: Not determined
FLAMMABILITY	UL 94 V-0
EXTINGUISHING MEDIA	Water spray, Dry powder, Carbon dioxide (CO ₂)
SPECIFIC HAZARDS	Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion. Combustion

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FIRE FIGHTING INSTRUCTIONS may form: Sulfur Oxides, Carbonyl Sulfide, Carbon Oxides
Keep people away, isolate fire area and deny unnecessary entry
Cool surroundings with water to localize fire zone
Hand held carbon dioxide or dry chemical water to cool and prevent re-ignition

06-ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTION Do not breathe vapors/dust
Sweep up to prevent hazard slipping

ENVIRONMENTAL PROTECTION Do not release into the environment
Do not let the product enter into drains

METHODS FOR CLEANING UP Recover the product
Recycle or incinerate at an approved waste disposal site

07-HANDLING AND STORAGE

HANDLING Prevent from fire around handling area.
Avoid accumulation of static charges during transfers in metallic systems, wear a mask to avoid dust formation

STORAGE Keep the materials at a cool dry place
Protect from direct sunlight, rain and violent temperature fluctuation. Fire is inhibited around storage area

08-EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS Ensure ventilation of work areas and extraction of dust or vapors likely to be given off during conversion operations

EXPOSURE LIMIT Not determined

PERSONAL PROTECTION EQUIPMENT

Eye protection Wear safety glasses for general purpose
Wear chemical goggles for cleaning molding machines

Hand protection Wear gloves (product handled in molten state)

Skin and body protection Wear protective clothing (product handled in molten state)

Respiratory protection In case of dust formation, wear a dust mask
In case of insufficient ventilation, wear suitable respiratory equipment

09-PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Solid (pellets)

COLOR Opaque

ODOUR Very faint

MELTING POINT 295°C

BOILING POINT/RANGE Not applicable

VAPOUR PRESSURE Not applicable

SOLUBILITY IN WATER Not soluble

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SPECIFIC GRAVITY >1.0

10-STABILITY AND REACTIVITY

STABILITY Combustible gases are released at the temperature over 400°C

INCOMPATIBILITY Strong oxidizers

HAZARDOUS DECOMPOSITION Carbonyl Sulfide formed when burned. Sulfur and carbon oxides

PRODUCTS formed when burned

HAZARDOUS Will not occur

POLYMERIZATION

11-TOXICOLOGICAL INFORMATION

See section 3 for potential health effects. For detailed toxicological data, write or call the address or emergency number shown in section 1

12-ECOLOGICAL INFORMATION

To avoid being taken by ocean species or birds

To inhibit disposal of the waste to the ocean and water sources

13-DISPOSAL CONSIDERATIONS

Controlled incineration or landfill according to local, state or national laws and regulations concerning health and pollution

The environmental fate of this material is not available.

14-TRANSPORT INFORMATION

ADR/RID Not regulated

AND/ADNR Not regulated

IMDG Not regulated

IATA Not regulated

Consult KINGFA's safety department for any further information

15-REGULATORY INFORMATION

WEEE/ROHS DIRECTIVE CONFORMS

INVENTORIES EINECS (EU): Conforms

TSCA (USA): Conforms

DSL (Canada): Conforms

AICS (Australia): Conforms

ECL (Korea): Conforms

SAFETY DATA SHEETS D.91/155/EEC amended by D.93/112/EEC and D.2001/58/CE

16-OTHER INFORMATION

This message is based on our present knowledge. However this will not constitute a guarantee for any specific products features and should not establish a legally valid contractual relationship.

Department issuing MSDS: GUANGZHOU KINGFA SCI.&TECH. CO., LTD**TEL: +86-20-8703 7818**