(User : King Date : 2022/03/09)

Safety Data Sheet (ISO form)

Date Prepared 2022/03/09

1.Product and Company Identification

Product Name : UR270
Company Name : POMA INDUSTRIAL(SHANGHAI) CO.,LTD.
Department : Corporate Environment Division
Address : Building3,No.1488,East Zhuanxing,Minhang District,Shanghai.China.
Telephone Number : +86-021-34635076 34635077 34635078 ,China
Emergency Telephone Number : +86-021-34635076 34635077 34635078 ,China
Telefax Number : +86 021-34635180 ,China

2.Composition/Information on Ingredients

Substance or Preparation
Preparation

Chemical Nature

Ingredients	CAS.No.	Contents(%)
Polyethylene Terephthalate	25038-59-9	66
Polyester Resin	Confidential	3
Polyolefine Delivative	Confidential	6
Wax	Confidential	7
Silicone Resin	Confidential	6
Modified Ethylene Co-polymer	Confidential	5
Carbon Black	1333-86-4	7

3.Hazards Identification (Most Important Hazard)

Adverse Human Health Effects
Not applicable in normal use.
Carcinogenicity
Carbon Black was reclassified as a Group 2B by IARC in 2005 based on the result of only the inhalation study in rats. However there was not observed the incidence of tumors on the test results on dermal or oral studies. There will be no possibility to inhale the carbon black which will not be released from the product as a fine powder.
Environmental Effects
Not applicable in normal use.
Physical and Chemical Hazards
Not applicable in normal use.
The Classification of The Chemical Product
Not applicable

4.First-Aid Measures

Inhalation

Not applicable.

Skin Contact

Not skinsensitive in normal use.

Eye Contact

Immediately wash eyes with large amounts of water.If unsuccessful,get medical attention.

Ingestion

Induce vomiting. Seek medical attention immediately.

5.Fire-Fighting Measures

Extinguishing Media

CO2,dry chemicals,foam or water.

Specific Method

No special fire protecting method is required.

6.Accidental Release Measures

Personal Precautions

Not applicable

Environment Precautions

Not applicable

Methods for Cleaning Up

Not applicable

7.Handling and Storage

Handling(technical measures,precautions,safe handling material)

Avoid chemicals,water and fire

Storage(technical measures,storage conditions,packaging material)

Store in cool and dry place avoiding sunshine.

8.Exposure Controls/Personal Protection

Respiratory Protections
None required under normal conditions of use.
Hand Protection
None required under normal conditions of use.
Eye Protection
None required under normal conditions of use.
Skin and Body Protection
None required under normal conditions of use.

9.Physical and Chemical Properties

Physical State
Form : Ribbon
Color : Black
Odour : No odor

Information

pH	: not applicable	Measuring Temp.(− C)	: -
Boiling Point(− C)	: not applicable		
Flash Point(− C)	: not available		
Explosion Properties(− C)	: This product is considered a nonexplosive material under normal use condition.		
Vapor Pressure(Pa)	: not applicable	Measuring Temp.(− C)	: -
Vapor Density(AIR=1)	: not applicable		
Density (g /cm3)	: not available	Measuring Temp.(− C)	: -

Solubility

Water Solubility(g /L)	: Insoluble
Water Solubility Measuring Temp.(− C)	: -
Other Solvent name	: -
Other Solvent Solubility(g /L)	: -
Other Solvent Solubility Measuring Temp.(− C)	: -

Octanol/Water Partition Coefficient
not known

---

10. Stability and Reactivity

Conditions to Avoid
Not applicable in normal use.
Materials to Avoid
Not applicable in normal use.
Hazardous Decomposition Products
Decomposition product will not occur

11. Toxicological Information

Acute Toxicity

Acute Oral Toxicity

Rat : ≧2500mg/kg

Acute Dermal Toxicity

: not available

Acute Inhalation Toxicity

: not applicable

Sensitization

Acute Skin Irritation(PII) : non-irritant

Acute Eye Irritation : not applied

Acute Allergenic Effects : non-skinsensitive

Specific Effects

Carcinogenicity :

In 2005 IARC reevaluated Carbon Black as a Group 2B carcinogen (possible human carcinogen). This evaluation is given to carbon black for which there is inadequate human evidence, but sufficient animal evidence. The latter is based upon the development of lung tumors in rats receiving chronic inhalation exposures to free carbon black at levels that induce particle overload of the lung. Studies performed in animal models other than rats have not demonstrated an association between carbon black and lung tumors. Moreover, 2-years cancer bioassay using a typical toner preparation containing carbon black did not demonstrate an association between toner exposure and tumor development in rats.

Mutagenicity : negative

Effects on The Reproductive System : No data is available on this product.

Teratogenic : not available

---

12. Ecological Information

Persistence/Degradability : not known

Bioaccumulation

not available

Ecotoxicity

Acute Toxicity for Fish (LC50) : not available (mg/kg/96hr)

Acute Toxicity for Daphnia (EC50) : not available (mg/kg/48hr)

Algae Inhibition Test (IC50) : not available (mg/kg/72hr)

13. Disposal Consideration

Recommended Methods for Safe Environmentally Preferred Disposal

Used ribbon should be disposed of in an environmentally appropriate manner and in accordance with governmental regulations.

14.Transport Information

International Regulations RID/ADR :
not applicable

DOT 49 CFR : not applicable

ADNR : not applicable
IMDG Code : not applicable
ICAO-TI/IATA-DGR : not applicable
The UN Classification Number : not applicable

Specific Precautionary Transport Measures
Store in cool and dry place.

Specific Materials to Avoid
None in normal use.

15.Regulation Information

Regulations
Not known

16.Other Information

References:
IARC(2005) "IARC Monograph on the Evaluation of the Carcinogenic Risk of Chemicals to Humans, Vol.65, Printing Process and Printing Inks, Carbon Black and Some Nitro Compounds", Lyon, pp149-261