

Thermoplastic polyurethanes powder

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : Thermoplastic polyurethanes powder

Use: Heat transfer material

Manufacturer name: Ink Experts ltd

Address: Unit 6C Wednesfield Business Park
Waddens Brook Lane
Wednesfield, Wolverhampton. WV11 3SF

Email: sales@inkexperts.co.uk

Website: www.inkexperts.co.uk

2. HAZARDS IDENTIFICATION

TOXICITY: No toxicity and no simulative effects on skin and mucous membrane

HEAVY METAL CONTENT: Not detected

According to the definition of EC Directive 2006/121/EC or 1999/45/EC and its effective adaptations and derived national regulations, the product is harmless to health and the environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION	CAS-No.	WGT. %
Thermoplastic polyurethanes	101-68-8	100 %

4. FIRST AID MEASURES

In contact with skin: Please use a plenty of water to cool the skin immediately when contact with hot melt. Neither force nor use solvents to remove product crusts that adhere to the skin.

5. FIRE-FIGHTING MEASURES

Applicable fire extinguishing agent: water, foam, chemical dry powder.

Hazards that may be encountered during fire fighting: Do not inhale smoke or dust in the event of fire or explosion.

Protective equipment for firefighters: wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: wear protective equipment and be careful of slipping.

Environmental precautions: It is forbidden to store on the ground with water.

Cleaning method: Waste disposal must be carried out in accordance with applicable national and local regulations.

7. HANDLING AND STORAGE

Handling: To be adequately ventilated.

Storage: store in a cool, dry and non-sunlight place, avoid humidity, store between 5°C and 40°C (41-104°F) in the original unopened containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION:	Provide general ventilation system
RESPIRATOR :	No special measures in general.
EYE PROTECTION:	No special measure in general
HYGIENE:	Wash before eating, drinking, smoking, or using toilet facilities
EXPOSURE LIMITS:	Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

State of Substance: Solid	Appearance: Powder
Color: White	Odor: N/A
PH Value: N/A	Softening temperature: 105°C
Decomposition temperature:--	Grain size: 80-170
Auto-ignition temperature:N/A	Non-stick time: 3min (150°C, 2.16kg)
Saturated vapor pressure: N/A	Explosion limit: N/A
Density:--	Solubility in water: Insoluble

10. STABILITY AND REACTIVITY

Stability: Excellent
Possible hazardous reactions under special conditions: None
Conditions to avoid: None
Substances to avoid: None
Hazardous decomposition substances: None

11. TOXICOLOGICAL INFORMATION

Not available

12. ECOLOGICAL INFORMATION



Material Safety Data Sheet

Not available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Disposal should be made in accordance with federal, state and local regulations.

Same as general waste disposal, because it can be gradually decomposed over time.

14. TRANSPORT INFORMATION

According to International maritime Dangerous Goods Code(IMDG CODE): Not dangerous.

15. REGULATORY INFORMATION

CHINESE REGULATIONS: Not available

16. OTHER INFORMATION

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.