

PRODUCT AND COMPANY IDENTIFICATION:

Product name : PADPAK Cushioning paper, FILLPAK Voidfill paper, FILLPAK GREENLINE Voidfill paper, WRAPPAK paper and GEAMI wrapping paper.

Product codes :

- Padpak : A-, C-, E-, F-, N- 5010xx to 5222xx
- Fillpak : (A,E) 702500 to (A,E) 711800
- Fillpak Greenline : (A,E) 711883
- Wrappak : A-, E-, F-, N- 8116xx
- Geami : A-, E,-, H- GDC200xxxxxx & A-, E,-, H- GIL120xxxxxx

Company name : Ranpak B.V.

Address : Sourethweg 4-6, 6422 PC Heerlen, the Netherlands
P.O. Box 139, 6400 AC Heerlen, the Netherlands

Telephone number : 0031 (0) 88 2551111

COMPOSITION/INFORMATION ON INGREDIENTS

Common chemical name Greenline : Recycled Schrenz paper

Common chemical name other qualities : Kraft paper

Ingredients contribution to the hazard : None

CAS-numbers for the most commonly found

substances in virgin Kraft paper :

- Cellulose CAS 9004-34-6
- Lignin CAS 8068-05-1
- Water CAS 7789-20-0

HAZARDS IDENTIFICATION:

Most important hazards : Flammable

Auto ignition of paper : 218 °C – 246 °C (<http://www.tcforensic.com.au/docs/article10.html>)

Human health effects : None

Environmental effects : Biodegradable, Compostable, Recyclable

Physical and chemical effects : None

FIRE-FIGHTING MEASURES:

Extinguishing media : All suitable

Extinguishing media NOT suitable : All suitable

Specific hazards : Paper is flammable material (can develop CO₂, CO and smoke).

Protection of firefighters : Gas mask.

ACCIDENTAL RELEASE MEASURES:

Personal precautions : Not required, not dangerous.
Environmental precautions : Not required
Methods for cleaning up : With water, no air pressure

FIRST-AID MEASURES:

Inhalation : No cause for concern
Skin contact : None irritant
Eye contact : None irritant
Ingestion : No cause for concern
Notes to a Physician : --

HANDLING AND STORAGE:

Safe handling advice : Normal conditions of storing
Storage conditions : Room temperature 15-30°C and optimal humidity 30-70%
Storage time : Storage time should be limited to no more than six months.

- High humidity (>70%) – Paper will absorb water and become weaker (except tear strength). Yield and cushioning properties deteriorate.
- Low humidity (<30%) – Paper will dry out and become brittle. Paper may give better yield and cushioning properties, but as it dries out the paper will tear more easily.

EXPOSURE CONTROLS/PERSONAL PROTECTION:

Control parameters : without open fire
Personal protective equipment : Not required
Respiratory protection : Not required
Hand protection : Not required
Eye protection : Not required
Skin and body protection : Not required
(If necessary) hygiene measures : Not required

PHYSICAL AND CHEMICAL PROPERTIES:

Physical state : Solid
Color : brown (white is possible)
Odor : Neutral
pH : 6 – 9
Vapor pressure : No cause for concern
Vapor density : No cause for concern
Other data : In contact with water paper product will change in shape.

STABILITY AND REACTIVITY:

Room temperature (15-30C)/humidity (30-70%). Opened reel can bleach with sun and change the colour. Water will dispose and damage the paper.

TOXICOLOGICAL INFORMATION:

It does not create any toxicological hazard

ECOLOGICAL INFORMATION:

Mobility : Will dispose
Degradability : Disposable in the earth, Biodegradable, Compostable, Recyclable
Expected behaviour of the Product in the environment : It does not create any toxicological hazard.

DISPOSAL CONSIDERATIONS:

Normal disposal habits, recyclable.

TRANSPORT INFORMATION:

By all means of transport.

OTHER INFORMATION:

- Ranpak BV declares that the paper products conform to the Recommendation XXXVI and therefore may come in contact with dry and not-fatty foodstuffs and with foodstuffs that are normally washed and/or peeled before being eaten. We advise you to contact our packaging specialists before using Ranpak BV Paper as a primary packaging material for food (direct food contact).
- Ranpak BV paper products conform to the council Directive 94/62/EC of December 31 1994, regarding packaging and packaging waste.
- Ranpak BV paper products are RESY registered under number 2991.
- Ranpak BV paper products conform to the restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS) Directive (2011/65/EU).
- Ranpak BV paper products conform to the REACH regulation (EC) No. 1907/2006 of 18 December 2006, regarding the Registration, Evaluation, Authorisation and Restriction of Chemicals.



Revision	Originator	Description of Change	Date Released	DCO #
1	E. Heesemans	Improvement extra information and change of document to new Quality System	08-04-2011	D080411-01
2	E. Heesemans	Product item numbers changed	20-08-2012	D120716-04
3	E. Heesemans	Removal of VCI paper	16-08-2013	D130816-01
4	E. Heesemans	Add Geami, add flammable at hazard identification and add gas mask and hazards for fire fighting measures	2-04-2015	D150402-02
5	E. Heesemans	Add Greenline product & Wrappak	26-01-2016	D160126-01
6	M. Ritzen	Change the phone number and, removing the fax number. Adjusted chapters 'Hazards identification' 'Handling and storage'	18-07-2016	D160711-01
7	M. Ritzen	(RoHS) Directive (2002/95/EC) will be replaced by (RoHS) Directive (2011/65/EU)	10-05-2017	D170508-02