

SECTION 1: Identification of the substance/mixture and of the Company

1.1 Product identifier Material Safety Data Sheet valid from May 13 2019

Trade name: Prima Select PVB

1.2 Relevant identified uses of the substance or mixture and uses advised against

General use: Additives/binder for coatings, lacquer, coating, paint and ink.

1.3 Details of the supplier of the safety data sheet

Company name: Prima Printer Nordic AB

Street/POB-No.: Kantyxegatan 25 F

Postal Code, city: SE 213 76 Malmö, SWEDEN

WWW: www.primacreator.com

E-mail: info@primacreator.com

Telephone: + 46 40 684 97 90

SECTION 2: Hazards identification

According to the supervisory authority guideline, this product is not classified as dangerous substance (see section 15)

Potential health Hazards

Inhalation:	Dust breathe in may irritate throat and respiratory system, cause coughing
Eye Contact:	Dust may irritate eyes, cause tears, red eye and other uncomfortable
Skin Contact:	Prolong contact may cause dryness of skin
Swallowing:	Swallowing may cause un-comfort
Other health influence:	Skin disease, eye disease or respiratory function obstruction patient may be easier to be affected.
Potential physical/chemical influence:	This product is incombustible. Dust and air mix together may become explosive mixture
Environment:	This product should not cause any environmental pollution

SECTION 3: Composition/Informaiton on ingredients

Chemical Name	EC No.	CAS No.	Concentration	Category	Remark
Polyvinyl Butyral		68648-78-2	>97.5%	-	-

*Non-vapour content concentration % calculation is on grammage base. Vapour content concentration % calculation is on volume base

See section 16 for all the warning information

SECTION 4: First Aid

Inhalation:	Keep breathing fresh air. Consult doctor If sickness continue
Eye Contact:	Flush eye with water thoroughly. Consult doctor if irritation continue
Skin Contact:	Wash off with soap and water on the contact position. Consult doctor if irritation continue
Swallowing:	Rinse mouth with water. Drink plenty milk or water for the conscious patient. Consult doctor If sickness continue

SECTION 5: Fire Precaution

Fire Extinguisher:	Use bubble, CO2, powder, fire hose to put out the fire
Inappropriate fire extinguisher:	No
Special fire fighting procedure:	Use standard fire fighting procedure and consider the danger on related materials
Unusual fire and explosion danger:	This product may form powder and generate static electricity which may cause fire (fire origin). Use appropriate ground precaution

SECTION 6: Handle of Accidental Leakage

Personal Protection:	Avoid inhalation. Avoid skin and eye contact with the dust. Wear appropriate protective equipment. See section 8
Handling of overflow materials:	Avoid dust formation. Use special dust collector to collect the dust or put the dust in a sealed container carefully. Use vacuum cleaner equipped with highly efficient air filter. Do not use compress air to clean the dust. See topic 13 for the waste material treatment.
Environmental precaution:	Avoid disposing the material in drainage, river or directly on the ground floor
Notification:	In case of overflow or accidental leakage, follow appropriate regulation and guideline to inform related official departments

SECTION 7: Handling & Storage

Handling:	Use the method to minimize the dust releasing. Avoid inhalation, eye and skin contact to the dust. Clean the working area and storage place periodically. Avoid dust accumulation and take precaution to avoid static electricity.
Storage:	Store in a dry and cool place. Keep container sealed.

SECTION 8: Exposure Control/Personal Protection

Exposure control parameter:

Chemical Name	Source	Category	Control Limit	Remark
Polyvinyl Butyral	EH40/2025	TWA	10mg/m ³	Normal dust
Polyvinyl Butyral	EH40/2025	TWA	10mg/m ³	Normal dust

Engineering Control:	Provide appropriate air ventilation to make sure the control limit is not exceeded. If the dust concentration is over the limit, explosive-proof ventilation system should be used
Respiratory Protection:	If air ventilation is not good enough or there is any inhalation risk, protective mask with filter (category P2) should be worn. Personal protection is chosen under CEN standard. Consult persona protection equipment supplier for further advice
Eye Protection:	Protective goggle should be equipped if there is eye contact risk
Hand Contact:	Rubber/plastic gloves which can resist acid/alkaline condition should be worn. Or seek advice from protective gloves supplier
Skin Protection:	Wear appropriate protective clothing to avoid skin contact
Hygienic precaution:	Execute personal hygienic practice such as wear hands after handling materials, before meals/water drinking and/or smoking. Routine cleaning on working clothing and other protective equipment to eliminate contaminated materials.

SECTION 9: Physical and Chemical Properties

Physical appearance:	powder form
Colour:	Colourless
Odour:	Odourless
Odour Threshold:	No data available
PH:	No data available
Melting Point:	135oC (275oF) to 149oC (300oF)
Freezing Point:	No data available
Boiling Point:	No data available
Relative Density:	1.1 (20oC) (close to)
Vapour Pressure:	No data available
Vapour Density:	No data available (air density = 1)
Evaporation Rate:	No data available
Vapourization:	<2.5% W/W
Solubility in Water:	Insoluble in water
Solubility other than Water:	No data available
Flash Point:	No data available
Self-ignition Point:	>380oC (716oF)
Flammability – Lower Limit:	No data available
Flammability – Upper Limit:	No data available

SECTION 10: Stability and Reactivity

Stability: Stable under recommended storage condition

Conditions to avoid: Not known

Incompatible Materials: Strong oxidizing agent, strong acid

Hazardous Decomposition Materials:

High Temperature:	Carbon Monoxide
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Possibilities of Hazardous Reaction: No

SECTION 11: Toxicological Information

Inhalation: Dust breathe in may irritate throat and respiratory system, cause coughing

Eye Contact: Dust may irritate eyes

Skin Contact: Prolong contact may cause dryness of skin

Swallowing: Swallowing may cause uncomfortable

Allergies: Not skin irritation material

Carcinogenicity: No data available

Listed Carcinogen: No

Mutagenicity: No data available

Reproductive Toxicity: No data available

Other effect: Prolong and frequently intake of the dust will increase the possibilities of asthma, chronic pneumonia and skin irritation risk

SECTION 12: Ecological Information

Ecological Toxicity: This product is not harmful to environment

Mobility: Not soluble in water

Persistence & Degradability: No data available

Bioaccumulative Potential: No data available

SECTION 13: Disposal Consideration

General Information: Follow the local law & regulation to handle the waste

Waste Treatment: Follow the local law & regulation to handle the waste

Europe Waste Code:

Unused product: 08 02 01

SECTION 14: Transportation Information

ADR/RID: No requirement

IMDG: No requirement

IATA: No requirement

SECTION 15: Regulatory Information

According to the current law and regulations, this product is not classified as dangerous material. Professional user can request for the MSDS

SECTION 16: Other Information

Section 2 and Section 3 warning language: No

Announced by: Kuraray Europe

Announced date: 6 Oct 2018

