

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name or designation

Bond-Ply - PSA Acrylics

of the mixture

Registration number

Synonyms None.

Product code Bond Ply 100, 400, 450PA, 800, 660B, 660P, CPU Pad

Issue date 23-April-2014

Version number 01
Revision date Supersedes date -

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

Identified uses Thermally Conductive Pressure Sensitive Adhesive Tapes.

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Manufacturer/Supplier The Bergquist Company
Address: 18930 West 78th Street

Chanhassen, MN. 55317

Non-Emergency calls: 1-800-347-4572

Contact person: M-SDSadmin@BergquistCompany.com

1.4. Emergency telephone

number

Chemical Emergency
Call CHEMTREC Day or

Night

Within USA and Canada: 1-800-424-9300

Outside USA and Canada: +1 703-527-3887 (Collect Calls Accepted)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

This preparation does not meet the criteria for classification according to Directive 1999/45/EC as amended.

Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

Hazard summary

Physical hazards Not classified for physical hazards.

Health hazards Not classified for health hazards.

Environmental hazards Not classified for hazards to the environment.

Specific hazards Elevated temperatures or mechanical action may form dust and fumes which may be irritating to

the eyes, mucous membranes and respiratory tract.

Main symptoms Under normal conditions of intended use, this material does not pose a risk to health.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms None.

Signal word Not applicable.

Hazard statements The mixture does not meet the criteria for classification.

Precautionary statements

Prevention Observe good industrial hygiene practices.

Response Wash thoroughly after handling.

Storage Store away from incompatible materials.

Bond-Ply - PSA Acrylics SDS EU

Disposal Dispose of waste and residues in accordance with local authority requirements.

This product is not hazardous according to Regulation (EC) No 1272/2008 as amended, therefore Supplemental label information

a hazard label does not apply.

2.3. Other hazards Not a PBT or vPvB substance or mixture.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

The components are not hazardous or are below required disclosure limits.

SECTION 4: First aid measures

General information Get medical attention if any discomfort develops.

4.1. Description of first aid measures

Inhalation Move to fresh air. Get medical attention if symptoms occur.

Wash skin with soap and water. Get medical attention if irritation persists after washing. Skin contact

Flush thoroughly with water. If irritation occurs, get medical assistance. Eye contact Rinse mouth thoroughly. Get medical attention if any discomfort occurs. Ingestion

4.2. Most important symptoms and effects, both acute and

delayed

Under normal conditions of intended use, this material does not pose a risk to health.

4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards This product is not flammable.

5.1. Extinguishing media

Suitable extinguishing

media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing

media

None known.

None.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Special protective equipment for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in

the workplace.

Special fire fighting procedures

Move containers from fire area if you can do so without risk.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency

personnel

Avoid contact with skin and eyes. For personal protection, see section 8 of the SDS.

For emergency responders

Keep unnecessary personnel away.

6.2. Environmental precautions

Environmental manager must be informed of all major spillages.

6.3. Methods and material for containment and cleaning up Sweep up or gather material and place in appropriate container for disposal. For waste disposal,

see Section 13.

6.4. Reference to other

sections

For personal protection, see Section 8 of the SDS. For waste disposal, see Section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe

handling

Provide adequate ventilation. Avoid inhalation of dust and contact with skin and eyes. Observe good industrial hygiene practices. Wear appropriate personal protective equipment (See Section 8).

7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container in a dry place. Store away from incompatible materials.

7.3. Specific end use(s) Thermally Conductive Pressure Sensitive Adhesive Tapes.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Bond-Ply - PSA Acrylics SDS EU

Occupational exposure limits

Austria. MAK List

Туре	Value	Form
MAK	5 mg/m3	Respirable fraction.
	<u> </u>	Respirable fume.
	•	Inhalable fraction.
STEL	•	Inhalable fraction.
	•	Respirable fume.
	10 mg/m3	Respirable fraction.
		_
	Value	Form
TWA	1 mg/m3	Respirable fraction.
on protection of workers again	inst risks of exposure to cher	nical agents at work
Туре	Value	Form
TWA	10 mg/m3	Dust.
	1,5 mg/m3	Respirable fraction.
xposure Limit Values in the Wo	orkplace (ELVs), Annexes 1 a	
Туре	Value	Form
MAC	4 mg/m3	Respirable dust.
	10 mg/m3	Total dust.
ent Decree 361	· ·	
Туре	Value	Form
TWA	0,1 mg/m3	Respirable dust.
Туре	Value	Form
TLV	5 mg/m3	Total
	2 mg/m3	Respirable.
osure Limits of Hazardous Su	bstances. (Annex of Regulation	on No. 293 of 18 September
Type	Value	Form
Type	Value	Form
Type TWA	Value 4 mg/m3	Form Respirable dust.
TWA	4 mg/m3 10 mg/m3	Respirable dust. Total dust.
TWA VLEP) for Occupational Expose	4 mg/m3 10 mg/m3 ure to Chemicals in France, II	Respirable dust. Total dust.
TWA VLEP) for Occupational Expose Type	4 mg/m3 10 mg/m3 ure to Chemicals in France, II Value	Respirable dust. Total dust.
TWA VLEP) for Occupational Expose	4 mg/m3 10 mg/m3 ure to Chemicals in France, II	Respirable dust. Total dust.
TWA VLEP) for Occupational Expose Type	4 mg/m3 10 mg/m3 ure to Chemicals in France, II Value 10 mg/m3	Respirable dust. Total dust. NRS ED 984
TWA VLEP) for Occupational Expose Type VME	4 mg/m3 10 mg/m3 ure to Chemicals in France, II Value 10 mg/m3	Respirable dust. Total dust. NRS ED 984
TWA VLEP) for Occupational Expose Type VME ry OELs). Commission for the I	4 mg/m3 10 mg/m3 ure to Chemicals in France, II Value 10 mg/m3 Investigation of Health Hazard	Respirable dust. Total dust. NRS ED 984 ds of Chemical Compounds
TWA VLEP) for Occupational Expose Type VME ry OELs). Commission for the I	4 mg/m3 10 mg/m3 ure to Chemicals in France, II Value 10 mg/m3 Investigation of Health Hazard	Respirable dust. Total dust. NRS ED 984 ds of Chemical Compounds Form
TWA VLEP) for Occupational Expose Type VME ry OELs). Commission for the I	4 mg/m3 10 mg/m3 ure to Chemicals in France, II Value 10 mg/m3 Investigation of Health Hazard Value 4 mg/m3 1,5 mg/m3	Respirable dust. Total dust. NRS ED 984 ds of Chemical Compounds Form Inhalable dust.
TWA VLEP) for Occupational Expose Type VME ry OELs). Commission for the I Type TWA	4 mg/m3 10 mg/m3 ure to Chemicals in France, II Value 10 mg/m3 Investigation of Health Hazard Value 4 mg/m3 1,5 mg/m3	Respirable dust. Total dust. NRS ED 984 ds of Chemical Compounds Form Inhalable dust.
TWA VLEP) for Occupational Expose Type VME ry OELs). Commission for the I Type TWA s in the Ambient Air at the Wor	4 mg/m3 10 mg/m3 ure to Chemicals in France, II Value 10 mg/m3 Investigation of Health Hazard Value 4 mg/m3 1,5 mg/m3 Pkplace	Respirable dust. Total dust. NRS ED 984 ds of Chemical Compounds Form Inhalable dust. Respirable dust.
TWA VLEP) for Occupational Expose Type VME ry OELs). Commission for the I Type TWA s in the Ambient Air at the Wor	4 mg/m3 10 mg/m3 ure to Chemicals in France, II Value 10 mg/m3 Investigation of Health Hazard 4 mg/m3 1,5 mg/m3 rkplace Value Value	Respirable dust. Total dust. NRS ED 984 ds of Chemical Compounds Form Inhalable dust. Respirable dust. Form
	Type TWA 3 on protection of workers aga Type TWA xposure Limit Values in the Wo Type MAC ent Decree 361 Type TWA Type TWA Type TWA	STEL 5 mg/m3 10 mg/m3 20 mg/m3 10

Bond-Ply - PSA Acrylics SDS EU

Greece. OELs (Decree No. 90/1999, as amended)

Components	Туре	Value	Form
Aluminium oxide (CAS 1344-28-1)	TWA	5 mg/m3	Inhalable
		10 mg/m3	Respirable.
Hungary. OELs. Joint Decree or	Chemical Safety of Workplace	S	
Components	Туре	Value	Form
Aluminium oxide (CAS 1344-28-1)	TWA	6 mg/m3	Respirable.
•	999 on occupational exposure I	imits	
Components	Туре	Value	
Aluminium oxide (CAS 1344-28-1)	TWA	10 mg/m3	
reland. Occupational Exposure	Limits		
Components	Туре	Value	Form
Aluminium oxide (CAS 1344-28-1)	TWA	4 mg/m3	Respirable dust.
		10 mg/m3	Total inhalable dust.
taly. OELs			
Components	Туре	Value	Form
Aluminium oxide (CAS	TWA	1 mg/m3	Respirable fraction.
1344-28-1) Latvia, OFLs, Occupational expe	osure limit values of chemical s	ubstances in work environme	ent
			Form
Components Aluminium oxide (CAS	Type TWA	Value 6 mg/m3	Decomposition aerosc
1344-28-1)	1 447 (o mg/mo	Decemposition across
1344-20-1)			
,	or Chamical Substances Consu	4 mg/m3	UN 22-2007\
Lithuania. OELs. Limit Values f	or Chemical Substances, Gener	al Requirements (Hygiene No	
Lithuania. OELs. Limit Values fo	Туре	al Requirements (Hygiene No Value	Form
Lithuania. OELs. Limit Values f		al Requirements (Hygiene No Value 5 mg/m3	Form Inhalable fraction.
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1)	Type TWA	Value 5 mg/m3 2 mg/m3	Form
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1)	Туре	Value 5 mg/m3 2 mg/m3	Form Inhalable fraction.
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components	Type TWA for Contaminants in the Workpla Type	Value 5 mg/m3 2 mg/m3 ace Value	Form Inhalable fraction.
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS	Type TWA for Contaminants in the Workpla	Value 5 mg/m3 2 mg/m3 ace	Form Inhalable fraction.
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS 1344-28-1) Poland. MACs. Minister of Laboratory	Type TWA for Contaminants in the Workpla Type	Value 5 mg/m3 2 mg/m3 ace Value 10 mg/m3	Form Inhalable fraction. Respirable fraction.
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS 1344-28-1)	Type TWA for Contaminants in the Workpla Type TLV	Value 5 mg/m3 2 mg/m3 ace Value 10 mg/m3	Form Inhalable fraction. Respirable fraction.
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS 1344-28-1) Poland. MACs. Minister of Labor Working Environment Components	Type TWA For Contaminants in the Workpla Type TLV ur and Social Policy Regarding Type	Value 5 mg/m3 2 mg/m3 ace Value 10 mg/m3 Maximum Allowable Concent	Form Inhalable fraction. Respirable fraction. rations and Intensities in
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS 1344-28-1) Poland. MACs. Minister of Labor Working Environment Components Aluminium oxide (CAS 1344-28-1)	Type TWA for Contaminants in the Workpla Type TLV ur and Social Policy Regarding	Value 5 mg/m3 2 mg/m3 ace Value 10 mg/m3	Form Inhalable fraction. Respirable fraction. rations and Intensities in
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS 1344-28-1) Poland. MACs. Minister of Labor Working Environment Components	Type TWA For Contaminants in the Workpla Type TLV ur and Social Policy Regarding Type	Value 5 mg/m3 2 mg/m3 ace Value 10 mg/m3 Maximum Allowable Concent	Form Inhalable fraction. Respirable fraction. rations and Intensities in Form Fume, total dust.
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS 1344-28-1) Poland. MACs. Minister of Labor Working Environment Components Aluminium oxide (CAS 1344-28-1)	Type TWA For Contaminants in the Workpla Type TLV ur and Social Policy Regarding Type	Value 5 mg/m3 2 mg/m3 ace Value 10 mg/m3 Maximum Allowable Concent Value 2,5 mg/m3 1,2 mg/m3	Form Inhalable fraction. Respirable fraction. rations and Intensities in Form Fume, total dust. Respirable dust and/or
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS 1344-28-1) Poland. MACs. Minister of Labor Working Environment Components Aluminium oxide (CAS 1344-28-1)	Type TWA for Contaminants in the Workpla Type TLV ur and Social Policy Regarding Type TWA	Value 5 mg/m3 2 mg/m3 ace Value 10 mg/m3 Maximum Allowable Concent Value 2,5 mg/m3 1,2 mg/m3	Form Inhalable fraction. Respirable fraction. rations and Intensities in Form Fume, total dust. Respirable dust and/or
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS 1344-28-1) Poland. MACs. Minister of Labor Working Environment Components Aluminium oxide (CAS 1344-28-1) Portugal. VLEs. Norm on occupa	Type TWA for Contaminants in the Workpla Type TLV ur and Social Policy Regarding Type TWA ational exposure to chemical age	Value 5 mg/m3 2 mg/m3 ace Value 10 mg/m3 Maximum Allowable Concent Value 2,5 mg/m3 1,2 mg/m3	Form Inhalable fraction. Respirable fraction. rations and Intensities in Form Fume, total dust. Respirable dust and/or
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS 1344-28-1) Poland. MACs. Minister of Labor Working Environment Components Aluminium oxide (CAS 1344-28-1) Portugal. VLEs. Norm on occupation of CAS 1344-28-1) Components Aluminium oxide (CAS 1344-28-1)	Type TWA for Contaminants in the Workpla Type TLV ur and Social Policy Regarding Type TWA ational exposure to chemical age Type TWA	Value 5 mg/m3 2 mg/m3 ace Value 10 mg/m3 Maximum Allowable Concent Value 2,5 mg/m3 1,2 mg/m3 1,2 mg/m3 Jents (NP 1796) Value 10 mg/m3	Form Inhalable fraction. Respirable fraction. rations and Intensities in Form Fume, total dust. Respirable dust and/or
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS 1344-28-1) Poland. MACs. Minister of Labor Working Environment Components Aluminium oxide (CAS 1344-28-1) Portugal. VLEs. Norm on occupation of CAS 1344-28-1) Romania. OELs. Protection of well as a component of the component of th	Type TWA Type TLV ur and Social Policy Regarding Type TWA ational exposure to chemical age Type TWA TWA rorkers from exposure to chemic	Value 5 mg/m3 2 mg/m3 ace Value 10 mg/m3 Maximum Allowable Concent Value 2,5 mg/m3 1,2 mg/m3 1,2 mg/m3 tents (NP 1796) Value 10 mg/m3 cal agents at the workplace	Form Inhalable fraction. Respirable fraction. rations and Intensities in Form Fume, total dust. Respirable dust and/or fume.
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS 1344-28-1) Poland. MACs. Minister of Labor Working Environment Components Aluminium oxide (CAS 1344-28-1) Portugal. VLEs. Norm on occupation of Components Aluminium oxide (CAS 1344-28-1) Romania. OELs. Protection of we Components	Type TWA for Contaminants in the Workpla Type TLV ur and Social Policy Regarding Type TWA ational exposure to chemical active Type TWA rorkers from exposure to chemic	Value 5 mg/m3 2 mg/m3 ace Value 10 mg/m3 Maximum Allowable Concent Value 2,5 mg/m3 1,2 mg/m3 1,2 mg/m3 1,2 mg/m3 cal agents at the workplace Value Value Value Value Value Value Value Value	Form Inhalable fraction. Respirable fraction. rations and Intensities in Form Fume, total dust. Respirable dust and/or fume. Form
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS 1344-28-1) Poland. MACs. Minister of Labor Working Environment Components Aluminium oxide (CAS 1344-28-1) Portugal. VLEs. Norm on occupation of CAS 1344-28-1) Romania. OELs. Protection of well as a component of the component of th	Type TWA Type TLV ur and Social Policy Regarding Type TWA ational exposure to chemical age Type TWA TWA rorkers from exposure to chemic	Value 5 mg/m3 2 mg/m3 ace Value 10 mg/m3 Maximum Allowable Concent Value 2,5 mg/m3 1,2 mg/m3 1,2 mg/m3 tents (NP 1796) Value 10 mg/m3 cal agents at the workplace	Form Inhalable fraction. Respirable fraction. rations and Intensities in Form Fume, total dust. Respirable dust and/or fume.
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS 1344-28-1) Poland. MACs. Minister of Labor Working Environment Components Aluminium oxide (CAS 1344-28-1) Portugal. VLEs. Norm on occupation of Components Aluminium oxide (CAS 1344-28-1) Romania. OELs. Protection of we Components Aluminium oxide (CAS 1344-28-1)	Type TWA for Contaminants in the Workpla Type TLV ur and Social Policy Regarding Type TWA ational exposure to chemical ag Type TWA rorkers from exposure to chemic Type STEL	Value 5 mg/m3 2 mg/m3 ace Value 10 mg/m3 Maximum Allowable Concent Value 2,5 mg/m3 1,2 mg/m3 1,2 mg/m3 cal agents at the workplace Value 5 mg/m3 1,2 ppm	Form Inhalable fraction. Respirable fraction. rations and Intensities in Form Fume, total dust. Respirable dust and/or fume. Form Aerosol Aerosol
Lithuania. OELs. Limit Values for Components Aluminium oxide (CAS 1344-28-1) Norway. Administrative Norms for Components Aluminium oxide (CAS 1344-28-1) Poland. MACs. Minister of Labor Working Environment Components Aluminium oxide (CAS 1344-28-1) Portugal. VLEs. Norm on occupation of Components Aluminium oxide (CAS 1344-28-1) Romania. OELs. Protection of we Components Aluminium oxide (CAS 1344-28-1)	Type TWA for Contaminants in the Workpla Type TLV ur and Social Policy Regarding Type TWA ational exposure to chemical active Type TWA rorkers from exposure to chemic	Value 5 mg/m3 2 mg/m3 ace Value 10 mg/m3 Maximum Allowable Concent Value 2,5 mg/m3 1,2 mg/m3 1,2 mg/m3 Jents (NP 1796) Value 10 mg/m3 cal agents at the workplace Value 5 mg/m3	Form Inhalable fraction. Respirable fraction. rations and Intensities in Form Fume, total dust. Respirable dust and/o fume. Form Aerosol

Bond-Ply - PSA Acrylics SDS EU

Slovakia. OELs. Decree of the government of the Slovak Republic concerning protection of health in work with chemical agents

Components	Туре	Value	Form	
Aluminium oxide (CAS	TWA	4 mg/m3	Inhalable fraction.	
1344-28-1)		1,5 mg/m3 0,1 mg/m3	Respirable fraction.	
Spain. Occupational Expos	ure Limits	, 0		
Components	Туре	Value		
Aluminium oxide (CAS 1344-28-1)	TWA	10 mg/m3		
Sweden. Occupational Expo	osure Limit Values			
Components	Туре	Value	Form	
Aluminium oxide (CAS	TWA	5 mg/m3	Total dust.	
1344-28-1)		2 mg/m3	Respirable dust.	
Switzerland. SUVA Grenzwe	erte am Arbeitsplatz			
Components	Туре	Value	Form	
Aluminium oxide (CAS	STEL	24 mg/m3	Fume and respirable	
1344-28-1)	TWA	3 mg/m3	dust. Respirable dust.	
	T WA	3 mg/m3	Fume and respirable	
		Ü	dust.	
UK. EH40 Workplace Expos	, ,			
Components	Туре	Value	Form	
Aluminium oxide (CAS 1344-28-1)	TWA	4 mg/m3	Respirable dust.	
,		10 mg/m3	Inhalable dust.	
logical limit values	No biological exposure limits noted for the ingredient(s).			
commended monitoring cedures	Follow standard monitoring procedures.			
rived no-effect level (DNEL)	Not available.			
dicted no effect ncentrations (PNECs)	Not available.			
oosure guidelines	Follow standard monitoring procedur	es.		
. Exposure controls				
propriate engineering htrols	Use process enclosures, local exhaust ventilation, or other engineering controls to control airbo levels below recommended exposure limits.			
-	such as personal protective equipment			
General information	Use personal protective equipment as required. Personal protective equipment should be chose according to the CEN standards and in discussion with the supplier of the personal protective equipment.			
Eye/face protection	Risk of contact: Wear approved safe	ty goggles.		
Skin protection				
- Hand protection	Use suitable protective gloves if risk of skin contact. Suitable gloves can be recommended by th glove supplier.			
- Other	If prolonged or repeated contact is likely, chemical resistant clothing is recommended.			
Respiratory protection	In case of inadequate ventilation, use			
Thermal hazards	Wear appropriate thermal protective	•	after handling with	
giene measures	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned.			
vironmental exposure ntrols	Environmental manager must be info	rmed of all major releases.		

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Bond-Ply - PSA Acrylics SDS EU

Solid. **Appearance** Physical state Solid. **Form** Solid. Colour Various. Odour Slight.

Odour threshold Not relevant. pН Not relevant. Not relevant. Melting point/freezing point Initial boiling point and boiling Not relevant.

range

Flash point Not relevant. **Evaporation rate** Not relevant. Flammability (solid, gas) Not relevant. Upper/lower flammability or explosive limits

Flammability limit - lower

Not relevant.

(%)

Flammability limit - upper

(%)

Not relevant.

Explosive limit - lower (%) Not relevant. Explosive limit - upper Not relevant.

(%)

Not relevant. Vapour pressure Not relevant Vapour density

Solubility(ies) Insoluble in water. Not relevant.

Partition coefficient (n-octanol/water)

Auto-ignition temperature Not relevant. **Decomposition temperature** Not relevant. Not relevant. **Viscosity** Not relevant. **Explosive properties Oxidizing properties** Not relevant.

9.2. Other information

Bulk density Not relevant 1,15 - 2,00 **Density** VOC (Weight %) Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity The product is stable and non reactive under normal conditions of use, storage and transport.

Material is stable under normal conditions. 10.2. Chemical stability Hazardous polymerisation does not occur. 10.3. Possibility of hazardous

reactions

10.4. Conditions to avoid Contact with incompatible materials.

10.5. Incompatible materials Strong oxidising agents.

None. 10.6. Hazardous

decomposition products

SECTION 11: Toxicological information

Under normal conditions of intended use, this material does not pose a risk to health. **General information**

Information on likely routes of exposure

Ingestion Not likely, due to the form of the product.

Inhalation Elevated temperatures or mechanical action may form dust and fumes which may be irritating to

the mucous membranes and respiratory tract.

Skin contact Prolonged skin contact may cause temporary irritation.

Elevated temperatures or mechanical action may form dust and fumes which may be irritating to Eye contact

the eye.

Symptoms Under normal conditions of intended use, this material does not pose a risk to health.

Bond-Ply - PSA Acrylics SDS EU

11.1. Information on toxicological effects

Acute toxicity Under normal conditions of intended use, this material does not pose a risk to health.

Skin corrosion/irritation Not classified. Not classified. Serious eye damage/eye

irritation

Respiratory sensitisation Not classified. Not classified. Skin sensitisation Germ cell mutagenicity Not classified. Carcinogenicity Not classified. Reproductive toxicity Not classified.

Specific target organ toxicity -

single exposure

Not classified.

Specific target organ toxicity -

repeated exposure

Not classified.

Aspiration hazard Mixture versus substance

information

Not classified. None known.

Other information

None known.

SECTION 12: Ecological information

The product is not classified as environmentally hazardous. 12.1. Toxicity

12.2. Persistence and

degradability

No data available.

12.3. Bioaccumulative potential No data available. Partition coefficient Not relevant.

n-octanol/water (log Kow)

Not available. **Bioconcentration factor (BCF)**

The product is insoluble in water. 12.4. Mobility in soil

Not a PBT or vPvB substance or mixture. 12.5. Results of PBT

and vPvB assessment

12.6. Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Disposal recommendations are based on material as supplied. Disposal must be in accordance

with current applicable laws and regulations, and material characteristics at time of disposal.

Since emptied containers retain product residue, follow label warnings even after container is Contaminated packaging

07 02 17 The Waste code should be assigned in discussion between the user, the producer and EU waste code

the waste disposal company.

SECTION 14: Transport information

ADR

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

ADN

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

This substance/mixture is not intended to be transported in bulk.

Bond-Ply - PSA Acrylics SDS EU

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I

Not listed.

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended Not listed.

NOL IISLEG.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended

Not listed

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA

Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

Not listed.

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding

Not listed.

Other EU regulations

Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances

Not listed

Directive 94/33/EC on the protection of young people at work

Not listed.

Other regulations The product is classified and labelled in accordance with EC directives or respective national laws.

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

National regulations Not available.

15.2. Chemical safety

assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations DNEL: Derived No-Effect Level.

PNEC: Predicted No-Effect Concentration. PBT: Persistent, bioaccumulative and toxic. vPvB: Very Persistent and very Bioaccumulative.

References ESIS (European chemical Substances Information System)

Registry of Toxic Effects of Chemical Substances (RTECS)

HSDB® - Hazardous Substances Data Bank

Information on evaluation method leading to the classification of mixture

The mixture is classified based on test data for physical hazards. The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if

available. For details, refer to Sections 9, 11 and 12.

Full text of any statements or R-phrases and H-statements under Sections 2 to 15 None.

Training information Follow training instructions when handling this material.

Bond-Ply - PSA Acrylics SDS EU

Disclaimer

This Safety Data Sheet was prepared by a globally recognized, third party chemical, regulatory, and compliance information services provider for the Bergquist Company, Thermal Products Division / TIM, and is offered for your consideration and guidance when exposed to this product. The Bergquist Company disclaims all expressed or implied warranties and assumes no responsibility for the accuracy or completeness of the data contained herein. The data in this SDS does not apply to use with any other product or in any other process. This Safety Data Sheet may not be changed or altered in any way without the expressed knowledge and permission of The Bergquist Company.

Bond-Ply - PSA Acrylics SDS EU