

# MATERIAL SAFETY DATA SHEET

Supplier: Johnsonite, Inc.  
16910 Munn Road  
Chagrin Falls, Ohio 44023

Product: Vinylbond Adhesive

## Section 1 – Product Identification

Product Identifier\ Trade Name\ Material Name:	Tarkett Vinylbond, DT Vinylbond, Adhesive Vinylbond
Product Code\Internal ID:	Vinylbond
Product Use or Description:	Full spread premium sheet flooring adhesive
MSDS Date:	February 5, 2007

## Hazardous Materials Identification System (HMIS)

Health Hazard:	N/AV	Chronic Hazard:	No
Flammability:	N/AV		
Reactivity:	N/AV		
Personal Protection:	N/AV		

For 24 HOUR MEDICAL AND DOT EMERGENCY RESPONSE COMMUNICATIONS AND INFORMATION, PLEASE CALL:  
CANUTEC in Canada at (613) 996-6666 or  
PROSAR in U.S.A. at (800) 228-5635 ext 079

For technical information, please call Technical Services at: (800) 899-8916  
(440) 543-8916  
(440) 543-8920 – Fax

## Section 2 – Chemical Composition \ Hazardous Ingredients

Ingredients	CAS #	% by Weight	OSHA PEL	ACGIH TLV
This product contains no hazardous ingredients as defined by US OSHA hazard communication standard – 29CFR 1910.1200 or section 13 of the Canadian Hazardous Products Acts. US OSHA and Health Canada do not regulate this product as a Hazardous substance. This data sheet is provided as a courtesy to guide proper handling of the material and safe work practices in general. For California (Proposition 65): This product contains no chemicals reportable under Proposition 65. All ingredients are listed within the US TSCA and Canadian DSL.				

## Section 3 – Hazards Identification

Route of Entry:	
Eye Contact:	Could be slightly irritating
Skin Contact:	The product could be slightly irritating to some individuals
Skin absorption	N/Av
Inhalation:	Inhalation of fumes should not create any discomfort
Ingestion:	No effects are suspected under normal professional use
Effects of acute exposure to product:	See above
Effects of chronic exposure to product:	Data not available; however no severe effects for chronic exposure are expected.
Other important hazards	N/Av.

N/Av: Not applicable  
N/Av: Not available  
See last page for other abbreviations

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## Section 4 – First Aid Measures

Eye Contact:	Flush with cool water for 15 minutes while holding eyelid open. Contact a physician.
Skin Contact:	Immediately wash skin with soap and water. Remove contaminated clothing. Contact a physician if irritation persists.
Skin absorption:	N/Av
Inhalation:	Move victim to fresh air. If not breathing, trained personnel should administer artificial respiration. Get immediate medical attention.
Ingestion:	Do not induce vomiting. Contact a physician or a poison control center immediately.

## Section 5 – Fire Fighting Measures

Fire hazards\conditions of flammability:	N/Av.
Means of extinction:	Foam CO <sub>2</sub> , dry chemical, and/or water spray
Flashpoint and method of determinations:	N/Av
Lower flammable limit (% by volume):	N/Av
Upper flammable limit (% by volume):	N/Av
Explosion data;	
Sensitivity to mechanical impact:	Not sensitive
Sensitivity to electrostatic discharge:	Not sensitive
Oxidizing properties:	N/Av
Auto-ignition temperature:	N/Av
Special fire-fighting procedures\equipment:	Wear protective equipment including self-contained breathing apparatus with full face piece operated in pressure-demand. Use a jet of water to refresh the surface exposed to flames as well as the contents.
Hazardous combustion products::	N/Av

## Section 6 – Accidental Release Measures

Personal Precautions:	N/Av.
Environmental precautions:	N/Av
Spill response/cleanup:	N/Av
Prohibited materials:	N/Av

## Section 7 – Handling and Storage

Safe handling procedures:	N/Av.
Storage requirements:	Store and use at room temperature (20° C) in a dry and non refrigerated area. Keep above 0° C
Incompatible materials:	N/Av.
Special packaging materials:	N/Av.

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## Section 8 – Exposure Controls and Personal Protection

Ventilation and engineering controls:	Use in WELL VENTILATED area.
Respiratory protection:	Not required
Protective gloves:	Impervious / neoprene gloves
Eye protection:	Safety glasses
Other protective equipment:	As needed to minimize exposure (eg: impermeable overall and boots, etc.)
Permissible exposure levels:	N/Av.

## Section 9 – Reactivity and Stability Data

Stability and reactivity (Polymerization):	Stable
Conditions to avoid:	None Known
Materials to avoid:	None Known
Hazardous decomposition products:	Not combustible aqueous dispersion before water evaporates. At this point, the product must be treated as an organic product that is combustible. Can produce carbon monoxide and carbon dioxide.

## Section 10 – Reactivity and Stability Data

Physical form, color, and odor:	Beige paste.
Odor threshold:	Slight odor of acrylic latex
pH:	7.4 – 8.2
Boiling point:	100° C
Melting point:	0° C
Freezing point:	0° C
Solubility in water:	Dispersible
Coefficient of oil/water distribution:	N/Av
Specific gravity or relative density (water = 1)	1.14
Vapor pressure (mmHg):	N/Av
Vapor density (air = 1)	N/Av
Volatile organic compounds (VOC's g/L):	N/Av
VOC less water less exempt solvent (g/L):	N/Av
Evaporation rate:	N/Av
Percentage volatile by volume:	N/Av

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## Section 11 – Toxicological Information

LD <sub>50</sub> (species and route):	N/Av
LC <sub>50</sub> (species and route):	N/Av
Toxicological data:	N/Av
Carcinogenicity:	No
Reproductive toxicity:	N/Av
Teratogenicity:	N/Av
Mutagenicity:	N/Av
Irritancy of product:	N/Av
Sensitization of product:	No
Conditions aggravated by exposure:	Personal Conditions
Name of toxicologically synergistic products:	N/Av

## Section 12 – Ecological Information

Environmental effects:	N/Av
Important environmental characteristics:	N/Av
Aquatic toxicity:	N/Av

## Section 13 – Waste Disposal

Handling for disposal:	N/Av
Methods of disposal:	Dispose of in accordance with local environmental regulations.

## Section 14 – Transportation Information

Transportation of Dangerous Good (TDG) Information;	
Shipping name:	N/Av
Class:	N/Av
UN number:	N/Av
Packing group:	N/Av
49 CFR information;	
Shipping name:	N/Av
Class:	N/Av
UN number:	N/Av
Packing group:	N/Av
International Dangerous Goods information	
IMO:	N/Av
ICAO:	N/Av
Other information	N/Av

## Section 15 – Regulatory Information

WHMIS information	Not controlled
CEPA information	N/Av
TSCA information	N/Av

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## Section 16 – Others Information

Certificate of origin	Made in Canada
Prepared by:	Technical Services
Telephone number:	(440) 543-8916
Preparation date:	February 5, 2007

## Abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
ASTM	American Society for Testing and Materials
CEPA	Canadian Environmental Protection Act
CFR	Code of Federal Regulations (Transportation in USA)
IARC	International Agency for Research on Cancer
ICAO	International Civil Aviation Organization
IMO	International Maritime Organization
MSHA	Mine Safety and Health Administration
NBUAC	Normal Butyl Acetate
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System
STEL	Short-Term Exposure Limit

## References

1. Suppliers' raw materials MSDS
2. ACGIH, Threshold Limit Values and Biological Exposure Indices for 1988
3. The Sigma-Aldrich Library of Chemical Safety Data, Second Edition, 1988
4. N.Irving Sax, Dangerous Properties of Industrial Materials, 7<sup>th</sup> Edition, Van Nostrand Reinhold, 1984
5. Health Canada, Reference manual for the WHMIS Requirements of the Hazardous Products Act and Controlled Products Regulation updated March 22, 2001

Information on this form is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied is hereby 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.