

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
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:	1	Chronic Hazard:	No
Flammability:	0		
Reactivity:	0		
Personal Protection:	B		

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) 278-5619

For technical information, please call Technical Services at: (800) 899-8916
(440) 543-8916
(440) 623-5643 – 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:	Yes
Skin Contact:	Yes
Inhalation:	Yes
Ingestion:	Yes
Effects of acute exposure to product:	Inhalation or contact can cause irritation to eyes, skin, nose or throat to sensitive people. I ingested can cause nausea, vomiting, griping, and diarrhea.
Effects of chronic exposure to product:	No
Other important hazards	Allergies, skin and respiratory disorders, Product sensitivity.

N/Ap: 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. If irritation persists, seek medical attention immediately.
Skin Contact:	Avoid contact with skin. Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek immediate medical attention and immediate medical attention should be obtained..
Inhalation:	Remove to fresh air. If not breathing, trained personnel should initiate artificial respiration. Get immediate medical attention.
Ingestion:	Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.

Section 5 – Fire Fighting Measures

Fire hazards\conditions of flammability:	Product will not burn until all water content has evaporated.
Means of extinction:	Water spray, carbon dioxide, dry chemical or foam.
Flashpoint and method of determinations:	Not established
Lower flammable limit (% by volume):	Not established
Upper flammable limit (% by volume):	Not established
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.
Unusual fire and explosion hazards:	Some decomposition product may be harmful

Section 6 – Accidental Release Measures

Personal Precautions:	Avoid prolonged skin contact
Environmental precautions:	Dispose of in accordance with local, state, provincial, and federal regulations governing your location.
Spill response/cleanup:	While using appropriate protective equipment, place spilled material in poly drum, or container required by local disposal company, and store in a safe place till material can be disposed of in accordance with regulations.
Prohibited materials:	Not established

Section 7 – Handling and Storage

Safe handling procedures:	Keep container closed when not in use.
Storage requirements:	Store and use at 60-95 ⁰ F (15-35 ⁰ C) and out of the sun. use adequate ventilation to avoid breathing vapors when cover is removed.
Incompatible materials:	Strong oxidizing agents, strong acids, and strong bases..
Special packaging materials:	N/Ap.

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Section 8 – Exposure Controls and Personal Protection

Ventilation and engineering controls:	Use in WELL VENTILATED area.
Respiratory protection:	If workplace exposure limit of product is exceeded, a NIOSH/MSHA approved air supplied respirator is required in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.
Protective gloves:	Impervious (Nitrile, rubber, or better)
Eye protection:	Safety glasses or goggles as necessary to prevent eye contact.
Other protective equipment:	As needed to minimize contact with skin.
Permissible exposure levels:	Not established.

Section 9 – Reactivity and Stability Data

Stability and reactivity (Polymerization):	Stable
Conditions to avoid:	None Known
Materials to avoid:	Strong oxidizing agents, strong acids, and strong bases.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide, oxides of nitrogen, and other unidentified organic compounds.

Section 10 – Reactivity and Stability Data

Physical form, color, and odor:	Beige paste. Slight latex odor.
Odor threshold:	Not established.
pH:	7.4 – 8.2
Boiling point:	212° F/100° C
Melting point:	N/Ap
Freezing point:	N/Ap
Solubility in water:	Dispersible
Coefficient of oil/water distribution:	Not established
Specific gravity or relative density (water = 1)	1.14
Vapor pressure (mmHg):	1.0
Vapor density (air = 1)	1.2
Evaporation rate (Butyl Acetate = 1):	Same as water
Calculated VOC::	Complies with Rule 1168. (VOC per CA South Coast Air Quality Management District, Rule 1168)

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Section 11 – Toxicological Information

LD ₅₀ (species and route):	N/Ap
LC ₅₀ (species and route):	N/Ap
Toxicological data:	None toxic
Carcinogenicity:	No
Reproductive toxicity:	N/Av
Teratogenicity:	Not established
Mutagenicity:	Not established
Irritancy of product:	Eye irritant
Sensitization of product:	Product sensitivity
Conditions aggravated by exposure:	Nausea, vomiting, nose and throat irritation
Name of toxicologically synergistic products:	Not established

Section 12 – Ecological Information

Environmental effects:	Not established
Important environmental characteristics:	Not established
Aquatic toxicity:	Not established

Section 13 – Waste Disposal

Handling for disposal:	Dispose of in accordance with local, state, provincial, and federal regulations governing your location.
Methods of disposal:	Dispose of in accordance with local, state, provincial, and federal regulations governing your location.

Section 14 – Transportation Information

Transportation of Dangerous Good (TDG) Information;	
Shipping name:	Not regulated
Class:	N/Ap
UN number:	N/Ap
Packing group:	N/Ap
49 CFR information;	
Shipping name:	Not regulated
Class:	N/Ap
UN number:	N/Ap
Packing group:	N/Ap
International Dangerous Goods information	
IMO:	Not established
ICAO:	Not established
Other information	Not established

Section 15 – Regulatory Information

WHMIS information	Not regulated under WHMIS
CEPA information	All ingredients are listed within Canadian DSL
TSCA information	All ingredients are listed within the US TSCA

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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:	October 29, 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, 7th 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.

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