

MATERIAL SAFETY DATA SHEET

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

Product: 400 Adhesive

Section 1 – Product Identification

Product Identifier\ Trade Name\ Material Name:	Tarkett 400, DT 400, Adhesive
Product Code\Internal ID:	400
Product Use or Description:	Acrylic Hard Set Adhesive
MSDS Date:	February 5, 2007

Hazardous Materials Identification System (HMIS)

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

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 extension 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
No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. Hazardous ingredients must be reported when present a 1.0% or greater.				

Section 3 – Hazards Identification

Route of Entry:

Eye Contact:	Yes
Skin Contact:	Yes
Skin Absorption:	N/Av
Inhalation:	Yes
Ingestion:	DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY

Effects of acute exposure to product: None known to occur
Effects of chronic exposure to product: None known to occur
Other important hazards: N/AV

Section 4 – First Aid Measures

Eye Contact:	Flush with water for 15 minutes, lifting eyelids occasionally
Skin Contact:	Wash with soap and water
Skin Absorption:	N/Av
Inhalation:	Should inhalation problems occur, move victim to fresh air and aid in breathing if necessary.
Ingestion:	DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY

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

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Section 5 – Fire Fighting Measures

Fire hazards\conditions of flammability:	N/Av
Means of extinction:	N/Av
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:	N/Av
Sensitivity to electrostatic discharge:	N/Av
Oxidizing properties:	N/Av
Auto-ignition temperature:	N/Av
Special fire-fighting procedures\equipment:	None
Hazardous combustion products:	Oxidizing agents and caustics. Oxides of carbon if co-burned with flammable material

Section 6 – Accidental Release Measures

Personal Precautions:	Safety goggles, impervious gloves required
Environmental precautions:	None Known
Spill response/cleanup:	Scrape up excess and place in D.O.T. approved container. Clean with soapy water
Prohibited materials:	None Known

Section 7 – Handling and Storage

Safe handling procedures:	Use impervious gloves and goggles when handling material.
Storage requirements:	Keep container closed and store in cool dry place.
Incompatible materials:	Oxidizing agents and caustics.
Special packaging materials:	N/Av

Section 8 – Exposure Controls and Personal Protection

Ventilation and engineering controls:	Local exhaust; Use with adequate ventilation. Open doors and windows to create cross ventilation during use and until adhesive dries.
Respiratory protection:	None Required.
Protective gloves:	Impervious gloves
Eye protection:	Goggles
Other protective equipment:	N/Av
Permissible exposure levels:	N/Av

Section 9 – Reactivity and Stability Data

Stability and reactivity (Polymerization):	Stable
Conditions to avoid:	None Known
Materials to avoid:	Oxidizing agents and caustics
Hazardous decomposition products:	Oxides of carbon if co-burned with flammable material

N/Av: Not applicable

N/Av: Not available

See last page for other abbreviations

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Section 10 – Reactivity and Stability Data

Physical form, color, and odor:	
Odor threshold:	N/Av
pH:	N/Av
Boiling point:	212 degrees F.
Melting point:	N/Av
Freezing point:	N/Av
Solubility in water:	Soluble
Coefficient of oil/water distribution:	N/Av
Specific gravity or relative density (water = 1)	1.12
Vapor pressure:	N/Av
Vapor density (air = 1)	Heavier than air
Volatile organic compounds (VOC's g/L):	0 VOC's Calculated
VOC less water less exempt solvent (g/L):	N/Av
Evaporation rate:	N/Av
Percentage volatile by volume:	N/Av

Section 11 – Toxicological Information

LD ₅₀ (species and route):	N/Av
LC ₅₀ (species and route):	N/Av
Toxicological data:	N/Av
Carcinogenicity:	No ingredient listed by IARC, ACGIH, NTP, and OSHA as a carcinogen
Reproductive toxicity:	N/Av
Teratogenicity:	N/Av
Mutagenicity:	N/Av
Irritancy of product:	N/Av
Sensitization of product:	N/Av
Conditions aggravated by exposure:	N/Av
Name of toxicologically synergistic products:	N/Av

Section 12 – Ecological Information

Environmental effects:	None Known
Important environmental characteristics:	None Known
Aquatic toxicity:	None Known

Section 13 – Waste Disposal

Handling for disposal:	Use impervious gloves and goggles when disposing of material.
Methods of disposal:	Dispose of as per local, state, and federal regulations.

N/Av: Not applicable
N/Av: Not available
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Section 14 – Transportation Information

Transportation of Dangerous Good (TDG) Information;

Shipping name: Adhesives
Class: Not Regulated
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 Chemtrec 24 hours: 1 (800) 424-9300

Section 15 – Regulatory Information

WHMIS information N/Av
CEPA information N/Av
TSCA information Yes

Section 16 – Others Information

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

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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.