HARBOR FREIGHT TOOLS

Product Name:

Chemical Name:

Synonyms:

Trade Names

Distributor's Name:

Emergency Phone:

Distributor's Address:

Business Phone / Fax:

Product Uses & Restrictions:

1.1

12

1.3

1.4

1.5

1.6

1.7

1.8

1.9

# SAFETY DATA SHEET

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.1

SDS Revision Date: 7/27/2015

1. PRODUCT & COMPANY IDENTIFICATION
SUPER STRONG ACRYLIC WOOD GLUE, 8 OZ.
Mixture
P/N 91768
Harbor Freight Tools
For wooden board, cork board, and cardboard materials
Harbor Freight Tools USA, Inc.
26541 Agoura Road, Calabasas, CA 91302 USA

#### 2. HAZARDS IDENTIFICATION

CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 676687)

2.1 Hazard Identification: This product is classified as a HAZARDOUS SUBSTANCE, but not as DANGEROUS GOODS according to the classification criteria of [NOHSC: 1088 (2004)] and ADG Code (Australia). DANGER! MAY CAUSE AN ALLERGIC SKIN REACTION.

Classification: Skin Sens. 1

+1 (805) 388-1000

Hazard Statements (H): H317 - May cause an allergic skin reaction.

Precautionary Statements (P): P261 - Avoid breathing dust and vapors. P264 - Wash exposed skin areas thoroughly with soap and water after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves. P302+P352 - IF ON SKIN - Wash with soap and water. P305+P351+P338 - IF IN EYES - Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. P333+P313 - If skin irritation or a rash occurs - Get medical advice/attention. P321 - For specific first aid treatment (See Section 4 of this Safety Data Sheet). P363 - Wash contaminated clothing before reuse. P370+P378 - In case of fire, CO<sub>2</sub>, Halon (if permitted), dry chemical, or foam for extinction. P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up. P501 – Dispose of contents/container to a licensed treatment, storage or disposal facility (TSDF).



## 3. COMPOSITION & INGREDIENT INFORMATION

				EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									
	ACGIH NO		NOHSC			OSHA							
					ppm		ppm		ppm				
							ES-	ES-	ES-				
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	TWA	STEL	PEAK	PEL	STEL	IDLH	OTHER
AQUA (WATER/EAU)	7732-18-5	ZC0110000	231-791-2	40-70	NA	NA	NF	NF	NF	NA	NA	NA	
AQUA (WATER/EAU)													
DOLYMINI ACETATE	108-05-4	AK0875000	203-545-4	30-60	35	NA	NF	NF	NF	35	NA	NA	
POLYVINYL ACETATE	Flam. Liq. 2; H	225											
SODIUM PROPYLPARABEN 3	35285-69-9	NA	252-488-1	0.0-0.1	17	NA	NF	NF	NF	17	NA	NA	
30DIOWIFROFTLPARABEN			•										

# 4. FIRST AID MEASURES

4.1	First Aid:	Ingestion:	If ingested, do not induce vomiting. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.				
		Skin:	If irritation occurs and product is on the skin, rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician. Immediately				
		Eyes:	Contact a physician immediately. Do not try to open the eye. Flush with cool water for at least 15 minutes opening and closing eyelids to ensure thorough irrigation. If irritation persists, contact a physician.				
		Inhalation:	Remove victim to fresh air at once. If breathing stops, perform artificial respiration. Seek immediate medical attention.				
4.2	Effects of Exposure:	Ingestion:	If product is swallowed, may cause nausea, vomiting and/or diarrhea and central nervous system depression.				
		Eyes:	Vapor of this product may be mildly to moderately irritation to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering.				
		Skin:	May be irritating to skin in some sensitive individuals, especially after prolonged or repeated skin contact.				
		Inhalation:	Inhalation of vapors is unlikely under normal conditions of use. Vapors of this product may be slightly irritating to the nose, throat and other tissues of the respiratory system. Symptoms of overexposure can				
			include coughing, wheezing, nasal congestion, and difficulty breathing.				

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.1 SDS Revision Date: 7/27/2015 4. FIRST AID MEASURES - cont'd 4.3 Symptoms of Overexposure: Symptoms of skin overexposure in some sensitive individuals may include redness, itching, and irritation of affected areas. Overexposure of vapor in eyes may cause redness, itching and watering. 4.4 Acute Health Effects: Mild to moderate irritation to skin near affected areas. Vapor of this product may be mildly to moderately irritating to the eyes and mucous membranes. Symptoms of overexposure may include redness, itching, irritation. Chronic Health Effects: 4.5 None known. 4 6 Target Organs: Eyes, Skin 47 Medical Conditions Pre-existing dermatitis, other skin conditions, and disorders of the **HEALTH** 0 Aggravated by Exposure: target organs (eyes, skin, and respiratory) **FLAMMABILITY** 1 PHYSICAL HAZARDS 0 PROTECTIVE EQUIPMENT В **EYES** SKIN 5. FIREFIGHTING MEASURES 5.1 Fire & Explosion Hazards: This material can burn but will not readily ignite. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO<sub>X</sub>, Hydrocarbons). 52 Extinguishing Methods: CO<sub>2</sub>, Dry Chemical, Alcohol Foam. Use water spray to cool containers. 5.3 Firefighting Procedures: Keep containers cool until well after the fire is out. Fight fires as for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fireexposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. 6. ACCIDENTAL RELEASE MEASURES Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective 6 1 Spills Equipment. For small spills (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Quickly wipe material off surface avoiding skin contact. Treat surface residue with water to set clue. Cured material maybe removed with acetone containing 6-10% water. Dispose of properly in accordance with local, state and federal regulations. Remove any contaminated clothing and wash thoroughly before reuse. For <u>large spills</u> (e.g.,  $\geq$  1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Add water to induce complete polymerization. Scrape solid from surface and seal in properly labelled containers for disposal. Any residue on surface may be removed by abrasion. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of drains, municipal sewers and open bodies of water. 7. HANDLING & STORAGE INFORMATION Avoid skin contact. Avoid breathing vapors of this product. Use eye protection when using this product. Use in a well-Work & Hygiene Practices: 7.1 ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap & water. Do not eat, drink or smoke while handling product. Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty container may 7.2 Storage & Handling: contain residual amounts of this product; therefore, empty containers should be handled with care. Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat (< 38 °C/100 °F). Store away from incompatible materials (See Section 10, Stability and Reactivity). Avoid skin contact. Open containers slowly on a stable surface. Keep container tightly closed when not in use. Empty 7.3 Special Precautions: containers may contain residual amounts of this product; therefore, empty containers should be handled with care. 8. EXPOSURE CONTROLS & PERSONAL PROTECTION 8.1 Exposure Limits: ACGIH NOHSC OSHA OTHER ppm (mg/m<sup>3</sup>) TLV ES-STEL **ES-PEAK** CHEMICAL NAME(S) STEL ES-TWA PEL STEL IDLH POLYVINYL ACETATE 35 NF 35 NA NA SODIUM PROPYLPARABEN 17 NA NF NF NF 17 NA NA 8.2 Ventilation & Engineering Controls: General mechanical (e.g., fans) or natural ventilation is sufficient when this product is in use. Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station) 8.3 Respiratory Protection: No special respiratory protection is required under typical circumstances of use or handling. In instances where mist or vapors of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia.

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 7/27/2015 8. EXPOSURE CONTROLS & PERSONAL PROTECTION – cont'd Eye Protection: Safety glasses equipped with side shields should be adequate protection under most conditions of use. Wear goggles and/or face shield if splashing or spraying is anticipated. Wear goggles and face shield if material is heated above 125 °F (51 °C). Have suitable eve wash water available. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). 8.5 Hand Protection: Use gloves constructed of chemical-resistant materials such as neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the EU member states. 8.6 Body Protection: Avoid prolonged and/or repeated skin contact. Use clean and impervious protective clothing (e.g., neoprene or Tyvek®) if splashing or spraying conditions are present. Protective clothing should include long-sleeves, apron, boots and additional facial protection. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA. 9. PHYSICAL & CHEMICAL PROPERTIES Appearance: Milky white liquid 9.2 Odor: Mild 9.3 Odor Threshold: NA 9.4 pH: NA Melting Point/Freezing Point: 9.5 NA Initial Boiling Point/Boiling 9.6 23.8-26.6 °C (75-80 °F) Range: 97 Flashpoint: NA 9.8 Upper/Lower Flammability NA 9.9 Vapor Pressure: 3.2 kPa 9 10 Vapor Density: NA 9.11 Relative Density: 1.0-1.1 9.12 Solubility: Soluble 9.13 Partition Coefficient (log Pow): NA 9.14 Autoignition Temperature: NA 9.15 Decomposition Temperature NA 9.16 Viscosity 40-60 cPs 9.17 Other Information: VOC: 45% by Volume 10. STABILITY & REACTIVITY 10.1 Stability: Stable under normal conditions; unstable with heat or contamination. 10.2 Hazardous Decomposition Oxides of carbon (CO, CO<sub>2</sub>). Products: 10.3 Hazardous Polymerization: Will not occur. 10.4 Conditions to Avoid: Open flames, sparks, high heat, incompatible substances and direct sunlight. 10.5 Incompatible Substances Avoid extreme heat and ignition sources, strong acids and alkalis, reactive metals and strong oxidizing agents. 11. TOXICOLOGICAL INFORMATION Inhalation: YES Routes of Entry Absorption: YES Ingestion: 11.1 YES 11.2 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product, but is not presented in this document. 11.3 Acute Toxicity: See Section 4.4 11.4 Chronic Toxicity See Section 4.5 Suspected Carcinogen: 11.5 NA Reproductive Toxicity: 11.6 This product is not reported to produce reproductive toxicity in humans. Mutagenicity This product is not reported to produce mutagenic effects in humans. Embryotoxicity This product is not reported to produce embryotoxic effects in humans. Teratogenicity This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product is not reported to cause reproductive effects in humans. Irritancy of Product: 11.7 The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure. 11.8 Biological Exposure Indices: NE 11.9 Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION Environmental Stability: There are no specific data available for this product. 12.1 Effects on Plants & Animals: 12.2 There are no specific data available for this product 12.3 Effects on Aquatic Life: There are no specific data available for this product

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision Date: 7/27/2015 13. DISPOSAL CONSIDERATIONS 13.1 Waste Disposal: Dispose of in accordance with federal, state, provincial and local regulations. 13 2 Special Considerations: 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. 49 CFR (GND): 14.1 **NOT REGULATED** 14.2 IATA (AIR) NOT REGULATED 14.3 IMDG (OCN): **NOT REGULATED** TDGR (Canadian GND): 14.4 NOT REGULATED 14.5 ADR/RID (EU): NOT REGULATED 14.6 SCT (MEXICO) **NOT REGULATED** 14.7 ADGR (AUS): NOT REGULATED 15. REGULATORY INFORMATION SARA Reporting 15.1 This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements. Requirements 15.2 SARA Threshold Planning NA Quantity: 15.3 TSCA Inventory Status: The components of this product are listed on the TSCA Inventory or are otherwise exempt. 15.4 CERCLA Reportable Quantity NA 15.5 Other Federal Requirements: None of the ingredients are listed as Hazardous Air Pollutants (HAPs). None of the ingredients are listed as Toxic Pollutants under the Clean Water Act (CWA). None of the ingredients are listed as Priority Pollutants under the Clean Water Act (CWA). This product does not contain any Class 1 or Class 2 ozone depletors. 15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS D2B (Other Toxic Effects) 15.7 State Regulatory Information: No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). 15.8 Other Requirements: The primary components of this product are listed in Annex I of EU Directive 67/548/EEC: Irritating (Xi). Risk Phrases (R): 38 - Irritating to skin. Safety Phrases (S): 18-20-28-1/2 - Handle open container with care. When using do not eat drink or smoke. After contact with skin, was immediately with soap and water. Keep locked up and out of reach of children 16. OTHER INFORMATION DANGER! MAY CAUSE AN ALLERGIC SKIN REACTION. Use only as directed. Avoid breathing dust and vapors. Other Information Wash exposed skin areas thoroughly with soap and water after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. IF ON SKIN - Wash with soap and water. IF IN EYES - Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If skin irritation or a rash occurs - Get medical advice/attention. For specific first aid treatment (See Section 4 of this Safety Data Sheet). Wash contaminated clothing before reuse. In case of fire, CO<sub>2</sub>, dry chemical, or foam for extinction. Store in a well-ventilated place. Keep cool. Store locked up. Keep cool. KEEP OUT OF REACH OF CHILDREN. Terms & Definitions: 16.2 See last page of this Safety Data Sheet. 16.3 Disclaimer This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Harbor Freight Tools USA, Inc.'s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition. 16.4 Prepared for: Harbor Freight Tools USA, Inc. 26541 Agoura Road HARBOR FREIGHT TOOLS Calabasas, CA 91302 USA **Quality Tools at Ridiculously Low Prices** Tel: +1 (805) 388-1000 http://www.harborfreight.com 16.5 Prepared by: ShipMate, Inc. P O Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com

# **SAFETY DATA SHEET**

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision Date: 7/27/2015

## **DEFINITION OF TERMS**

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

#### **GENERAL INFORMATION:**

CAS No.	Chemical Abstract Service Number				
EXPOSURE LIMITS IN AIR:					
ACGIH	American Conference on Governmental Industrial Hygienists				
C Ceiling Limit					
ES	Exposure Standard (Australia)				
IDLH	Immediately Dangerous to Life and Health				
OSHA	U.S. Occupational Safety and Health Administration				
PEL	Permissible Exposure Limit				
STEL	Short-Term Exposure Limit				
TLV	Threshold Limit Value				
TWA Time Weighted Average					

#### FIRST AID MEASURES:

Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body

#### HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard				
1 Slight Hazard					
2	2 Moderate Hazard				
3	Severe Hazard				
4	Extreme Hazard				



## PERSONAL PROTECTION RATINGS:

- ENGOINE FINOTEOTION TO TIMOO.						
Α						
В						
С						
D						
Е						
F						







Cy Face Shield & Protective Eyewear



Synthetic Apron

**Protective Clothing** & Full Suit



**Full Face Respirator** 

**Dust & Vapor Half-**

**Full Face** Mask Respirator

Airline Hood/Mask or SCBA

# OTHER STANDARD ABBREVIATIONS:

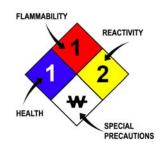
ML	Maximum Limit		
mg/m3	milligrams per cubic meter		
NA Not Available			
ND	Not Determined		
NE	Not Established		
NF	Not Found		
NR	No Results		
ppm	parts per million		
SCBA Self-Contained Breathing Apparatus			

# NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILI	TY LIMITS IN AIR:
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

#### HAZARD RATINGS:

0	Minimal Hazard			
1	Slight Hazard			
2	Moderate Hazard			
3	Severe Hazard			
4	Extreme Hazard			
ACD	Acidic			
ALK	Alkaline			
COR	Corrosive			
₩	Use No Water			
ОХ	Oxidizer			
TREFOIL	Radioactive			



#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals s
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD <sub>io</sub>	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD <sub>Io</sub> , LD <sub>Io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC <sub>o</sub> , LC <sub>lo</sub> , & LC <sub>o</sub>	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL <sub>m</sub>	Median threshold limit
log K <sub>ow</sub> or log K <sub>oc</sub>	Coefficient of Oil/Water Distribution

#### REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System		
DOT U.S. Department of Transportation			
TC	Transport Canada		
EPA U.S. Environmental Protection Agency			
DSL	Canadian Domestic Substance List		
NOHSC	National Occupational Health and Safety Commission (Australia)		
NDSL	Canadian Non-Domestic Substance List		
PSL	Canadian Priority Substances List		
TSCA	U.S. Toxic Substance Control Act		
EU	European Union (European Union Directive 67/548/EEC)		
WGK	Wassergefährdungsklassen (German Water Hazard Class)		
HMIS-III National Paint & Coatings Association Hazardous Materials Identification			

#### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

***************************************	WORKE ENGLISHED WAS AND								
	<b>*</b>	<b>(2)</b>	(3)	$\odot$	(18)				
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F		
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive		

#### EC (67/548/EEC) INFORMATION:

15. To 15.		M	*			X	×
С	E	F	N	0	Т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

## CLP/GHS (1272/2008/EC) PICTOGRAMS:

			$\Diamond$			$\Leftrightarrow$		*
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment