



P R O D U C T D A T A S H E E T

PRODUCT NAME: JOHNSONITE 920 STAIR TREAD AND NOSING ADHESIVE

MANUFACTURED FOR: JOHNSONITE INC.
16910 MUNN ROAD, CHAGRIN FALLS, OHIO 44023

PRODUCT DESCRIPTION: JOHNSONITE #920 IS A BLACK, WATER RESISTANT, NON-BLEEDING, NON-STAINING ADHESIVE FOR BONDING RUBBER AND VINYL STAIR TREADS TO WOOD, CONCRETE, OR METAL STAIRS. IT BRUSHES EASILY AND SETS QUICKLY.

PHYSICAL PROPERTIES:

BASE	SYNTHETIC RUBBER-BASE
COLOR	BLACK
WEIGHT PER GALLON, LBS.	8.9
CONSISTENCY	THIN PASTE
OPEN TIME	10 TO 15 MINUTES
SHELF LIFE	6 TO 12 MONTHS IN UNOPENED CONTAINER AT ROOM TEMPERATURE
APPLICATION	BRUSH OR 1/16" NOTCHED TROWEL
COVERAGE PER GALLON	125-150 SQ.FT. ON ONE SURFACE
SOLVENT	PETROLEUM DISTILLATE

CAUTION: EXTREMELY FLAMMABLE. VAPORS MAY IGNITE EXPLOSIVELY. PREVENT BUILD-UP OF VAPORS. OPEN ALL WINDOWS AND DOORS. USE ONLY WITH CROSS VENTILATION. DO NOT SMOKE. EXTINGUISH ALL FLAMES AND PILOT LIGHTS. TURN OFF STOVES, HEATERS, ELECTRIC MOTORS, AND OTHER SOURCES OF IGNITION DURING USE AND UNTIL ALL VAPORS HAVE DISSIPATED. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.

AVOID PROLONGED INHALATION OF VAPOR. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.

KEEP OUT OF REACH OF CHILDREN.

Material Safety Data Sheet



Johnsonite
Division of Duramax, Inc

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Chem-Trac
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Information
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SECTION I

<u>Trade Name</u>	<u>Product Class</u>	<u>Date Issued</u>
Johnsonite 920	Stair Tread Adhesive	10/86 Revised 10/92

SECTION II - HAZARDOUS INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Amount in Product</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Toluene	108-88-3	7-11%	100 ppm	100 ppm
Hexane	110-54-3	12-17%	500 ppm	50 ppm

- Notes: 1. This product contains the following chemical which is subject to reporting under Section 313 of Title III:
Toluene.
2. All other chemicals in this product are Trade Secrets and are not regulated as hazardous by any state Right-to-Know Law.

SECTION III - PHYSICAL DATA (Typical data, not specifications).

<u>Boiling Point (F)</u> 152	<u>Specific Gravity (Water=1)</u> 1.01	<u>% Volatile by Volume</u> 60
<u>Ph</u> NA	<u>Appearance & Odor</u> Black Medium Paste With Mild Solvent Odor.	<u>Solubility in Water</u> None
<u>Vapor Pressure (mmHg)</u> 140	<u>Vapor Density (Air=1)</u> >1	<u>Evaporation Rate (BUAC=1)</u> >1
<u>Coefficient of Water/Oil Distribution</u> ND	<u>Odor Threshold</u> ND	<u>Melting/Freezing</u> NA

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<u>Flash Point (F)</u> <5 (T.O.C.)	<u>Flammable Limits</u>		<u>Extinguishing Media</u> Regular foam, CO2, and dry chemical.
	<u>LKL</u> 1.0	<u>URL</u> 7.0	

Special Fire Fighting Procedures
Self-contained breathing gear with full face piece.

Unusual Fire and Explosion Hazards
Eliminate all ignition sources, vapors are heavier than air and may travel along the ground or be moved by ventilation.

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SECTION V - HEALTH HAZARD DATA

Threshold Limit Value
See Section II

* Typical Amount. Not a specification.

NA = Not Applicable
NK = Not Known
VOC = Volatile Organic Chemical

Routes of Entry and Effects of Overexposure

Eyes - Can cause severe irritation.
Skin - Can cause moderate irritation, defatting, and dermatitis.
Inhalation - Can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation.
Ingestion - Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

TOLUENE

POINTS OF ATTACK: Skin, liver, kidneys, and central nervous system.
MEDICAL SURVEILLANCE: Preplacement and periodic examinations with consideration to the skin, liver functions, kidney functions, and central nervous system. Blood levels and hippuric acid levels can be used to determine exposure to Toluene.

HEXANE

POINTS OF ATTACK: Skin, eyes, lungs, and respiratory system.
MEDICAL SURVEILLANCE: Preplacement and periodic examinations with considerations to the skin, respiratory system, central nervous system, and peripheral nervous system.

Emergency and First-Aid Procedures

Eyes - Flush with water for 15 minutes. Call physician if irritation occurs.
Skin - Wash with soap and water. Call physician if irritation occurs.
Inhalation - Move person to fresh air. If breathing stops, administer artificial respiration. Call physician.

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Emergency and First-Aid Procedures cont.

Ingestion - Treat symptomatically and contact a physician.

SECTION VI - REACTIVITY DATA

	Hazardous		Hazardous
<u>Stability</u>	<u>Polymerization</u>	<u>Incompatibility</u>	<u>Decomposition Products</u>
Stable	Will not occur	Strong oxidizers, Strong Acids, & Strong bases	May form CO, CO ₂ , H ₂ O, & various hydrocarbons

SECTION VII - PREVENTIVE MEASURES, SAFE HANDLING AND USE

Leak and Spill Procedures

Scrap into containers for disposal.

Other Precautions

Danger! Extremely Flammable!

Vapors may ignite explosively.

Prevent buildup of vapors.

Waste Disposal Method

Dispose of in accordance with local, state and federal regulations.

Keep away from sparks, heat, and open flame. Avoid prolonged breathing of vapors and repeated contact with the skin.

Handling and Storage

Do not store above 120 degrees (F)

Keep away from children.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation

Use sufficient ventilation, in volume and pattern, to keep air contaminant concentration below PEL or TLV.

Respiratory Protection

If conditions exist where PEL or TLV may be exceeded, wear a NIOSH/MSHA approved respirator.

Protective Equipment

Protective gloves and safety glasses, goggles or face shield are recommended.

SECTION IX - SPECIAL PRECAUTIONS

1. Store above 40 F and below 100 F.
2. Store in well ventilated area.
3. Never use pressure to empty. Drum is not a pressure vessel.
4. Do not take internally.
5. Keep closure tight and container upright to prevent leakage.
6. Store drum out of sun and away from heat.
7. Relieve internal drum pressure when received and at least once weekly thereafter by slowly loosening closure. Retighten immediately.
8. Do not store or use near heat, sparks, or flame.

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SECTION IX - SPECIAL PRECAUTIONS cont...

9. Drums of this material should be grounded and bonded when pouring.
10. Do not puncture, drag, or slide container.
11. Prevent prolonged or repeated breathing of vapor or spray mist.
12. Do not weld or flame-cut an empty drum.
13. Keep out of the reach of children.
14. This product as supplied is a liquid, and there are no dust hazards from the powders in it. When the product is processed, the powders should be encapsulated. The user must determine if there is a dust hazard because of the process used or the end use of the dried material.
15. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

SECTION X - TRANSPORTATION

<u>DOT Hazard Class</u> UN 1133	<u>RCRA Hazardous Waste</u> (FED) D001, D018	<u>Identification Number</u> NMFC ITEM #4620 SUB. 5
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<u>Volatile Organic Compounds (VOC)</u> ND	<u>TDG Classification</u> Adhesive; Class 3.2 UN 1133, Packing Group II
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DOT Shipping Name
Adhesive, Flammable Liquid (Hexane, Toluene)

Reportable Quantity (Min. under any act): 5 lbs. (DOT = 1,000 lbs)
or sheen produced if released to navigable water.

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