

McGill AirSeal Corp MATERIAL SAFETY DATA SHEET

MSDS Name: UNI-SEAL DUCT SEALER
Version Number 01
MSDS Date: 111299
Page Number: 1 of 5

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: UNI-SEAL DUCT SEALER
CAS Number: none
Hazard Rating: Health: 2 Fire: 3 Reactivity: 0

Company Identification: McGill AirSeal Corp
2400 Fairwood Avenue
Columbus OH 43207

Contact: McGill AirSeal Corp
Telephone/Fax: (800) 624-5535 (614) 444-0234
Emergency Phone (24 Hour): Security
(614) 445-1300
Chemtrec (24 Hour): (800) 424-9300

Product Class: solvent mastic
Product Code: 3164

Division: McGill AirSeal

SECTION II - COMPOSITION, INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS Number	Percent
HEXANE	110-54-3	29.00

OSHA PELs & ACGIH TLVs are listed in Section VIII where applicable.
All components of this product are listed on the TSCA inventory except as exempted.

SECTION III - HAZARD IDENTIFICATION

NOTE:
Repeated and prolonged overexposure to the mixture of solvent(s) listed in Section II can result in systemic effects including permanent brain, nervous system, liver, and kidney damage.
Intentional misuse by deliberately concentrating & inhaling the contents may be harmful or fatal.

EMERGENCY OVERVIEW:
Product is beige, medium viscosity mastic with a strong solvent odor.
DANGER: EXTREMELY FLAMMABLE, VAPOR HARMFUL, CONTAINS HEXANE. Vapors can cause flash fire. Vapors may ignite explosively. Prevent buildup of vapors by opening all windows & doors to create cross-ventilation. Keep away from heat, sparks & open flame. Do not smoke. Extinguish all flames & pilot lights. Turn off stoves, heaters & sparking electric motors. Keep away from all sources of ignition until all vapors are gone. Keep container tightly closed when not in use. Avoid prolonged breathing of vapor. **KEEP OUT OF THE REACH OF CHILDREN.**

ROUTES OF ENTRY:
INHALATION: Yes
INGESTION: No
SKIN: Yes

EYE: Yes

INHALATION:
Avoid breathing vapor or mists.
May cause headaches and dizziness.
High vapor concentrations are irritating to the nose, throat and lungs and can cause systemic effects.
Vapors can readily accumulate in confined or poorly ventilated areas.

8

McGill AirSeal Corp

MATERIAL SAFETY DATA SHEET

MSDS Name: UNI-SEAL DUCT SEALER
Version Number 01
MSDS Date: 111299
Page Number: 2 of 5

INGESTION:
No hazard expected in normal industrial use. Do not eat, drink or smoke around chemicals. Follow good hygiene practices.

SKIN:
Prolonged or repeated skin contact can cause irritation.

EYE:
Substance may cause severe eye irritation.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
Medical conditions associated with target organs may be aggravated by exposure.

CARCINOGENICITY:
IARC: No
NTP: No
OSHA: No

TARGET ORGANS:
Prolonged or repeated overexposure may cause eye, skin, respiratory system, central nervous system, and peripheral nervous system damage.

SECTION IV - FIRST AID MEASURES

INHALATION:
Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen by trained personnel.

INGESTION:
Call poison control center immediately. Follow their specific instructions. Do not induce vomiting. Aspiration into lungs may cause chemical pneumonitis.

SKIN:
Wash with soap and water. Contact a physician if irritation develops or persists.

EYE:
Hold eyelids apart and flush with plenty of water for at least 15 minutes. Seek medical attention.

SECTION V - FIRE-FIGHTING MEASURES

Flammability Class (OSHA) IB
Flash Range: < 0 F
Setaflash
Explosive Range: Lower explosive limit 1.2%
Upper explosive limit 7.5%

Vapors can travel back to the source of ignition.
Flammable liquid. Can form explosive mixtures at temperatures at or above the flashpoint

EXTINGUISHING MEDIA:
Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this product.

HAZARDOUS COMBUSTION PRODUCTS:
Carbon monoxide may be released during combustion.

FIRE FIGHTING PROCEDURES:
Can burn in a fire, releasing toxic vapors.
Wear a NIOSH/MSHA approved self-contained breathing apparatus.

SECTION VI - ACCIDENTAL RELEASE MEASURES

8

McGill AirSeal Corp

MATERIAL SAFETY DATA SHEET

MSDS Name: UNI-SEAL DUCT SEALER
Version Number 01
MSDS Date: 111299
Page Number: 3 of 5

CONTAINMENT TECHNIQUES:

Use suitable absorbent to dike the spill.

CLEAN-UP:

If possible pump liquid into an approved container or spread absorbent over spill and shovel (use non-sparking equipment) product/absorbent mixture into an approved container. If product has dried, scrape up and place in an approved container.

EMERGENCY MEASURES:

Isolate hazard area. Keep unnecessary and unprotected personnel from entering area. Wear all appropriate personal protection equipment (PPE) (see Section VIII).

SECTION VII - HANDLING & STORAGE

HANDLING:

Wash thoroughly after handling.
Open container in well ventilated area.
Wash hands before eating.
Use only in well ventilated area.
Always use with positive cross-ventilation.
Follow all MSDS/label precautions even after container is emptied.
Containers may retain product residues and vapors.
Avoid prolonged or repeated contact with the skin.

STORAGE:

Keep away from sources of ignition.
Do not store above 110F. Store large quantities in buildings designed & protected for storage of NFPA Class 1-B flammable materials.

PRECAUTIONARY STATEMENT:

DANGER: EXTREMELY FLAMMABLE, VAPOR HARMFUL. Vapors can cause flash fire. Contains hexane. Vapors may ignite explosively. Prevent buildup of vapors by opening all windows and doors to create cross-ventilation. Keep away from heat, sparks and open flame. Do not smoke. Extinguish all flames and pilot lights. Turn off stoves, heaters and sparking electric motors. Keep away from all sources of ignition until all vapors are gone. Keep container tightly closed when not in use. Avoid prolonged breathing of vapor. **KEEP OUT OF THE REACH OF CHILDREN.** Product is a beige, medium viscosity mastic with a strong solvent odor.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
HEXANE	50.00 PPM	N/est	N/est	N/est	500.00 PPM

ENGINEERING CONTROLS:

Use local exhaust as needed to maintain occupational exposure limits. Maintain standard plant ventilation.

OTHER:

Facilities storing or utilizing any chemical should be equipped with an eyewash facility and a safety shower.

RESPIRATORY PROTECTION:

Where exposure limits are exceeded select a NIOSH/MSHA approved respirator with appropriate Protection Factor and cartridge for the specific contaminants. Follow requirements for respiratory protection in OSHA 1910.134.

EYE PROTECTION:

McGill AirSeal Corp MATERIAL SAFETY DATA SHEET

MSDS Name: UNI-SEAL DUCT SEALER
Version Number 01
MSDS Date: 111299
Page Number: 4 of 5

Wear splashproof safety eye protection if splashing or misting of product may occur.

SKIN PROTECTION:
Where repeated or prolonged contact can occur, wear nitrile rubber gloves.

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Form: Mastic
Appearance/Color: Beige
Odor: Solvent
Solubility (in water): Nil
pH Value: Not Applicable
Boiling Range: 156 °F
Evaporation Rate: Faster than n-Butyl Acetate

% Volatile 25.8
Specific Gravity: 1.11
VOC (California Rule 1168) 305 g/l

SECTION X - STABILITY & REACTIVITY

Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur

CONDITIONS TO AVOID:
Heat, sparks, open flame

INCOMPATIBILITY:
Strong acids and bases.

HAZARDOUS DECOMPOSITION PRODUCTS:
Not applicable

SECTION XI - TOXICOLOGICAL INFORMATION

Hexane - Acute:
Ingestion of hexane can cause nausea, vomiting, stomach pain, and diarrhea. Hexane can irritate the skin and the eyes. Acutely, the most common toxic effects are central nervous system depression and chemical pneumonitis resulting from aspiration into the lungs following ingestion.
Hexane - Chronic:
Dermal irritation and central nervous system depression accompanied by peripheral nervous system damage (polyneuropathy) are common traits of sustained overexposure.

SECTION XII - ECOLOGICAL INFORMATION

This formulation has not been tested for environmental effects.

SECTION XIII - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:
Disposal of this product must comply with all applicable federal, state and local regulations.

CONTAINER DISPOSAL:
Disposal of this container should comply with all applicable federal, state and local regulations.

SECTION XIV - TRANSPORT INFORMATION

10.5 oz/29 oz/1 gal 5 gal

McGill AirSeal Corp MATERIAL SAFETY DATA SHEET

MSDS Name: UNI-SEAL DUCT SEALER
Version Number 01
MSDS Date: 111299
Page Number: 5 of 5

UN Number	UN1133	UN1133
UN Pack Group	III	III
UN Class	3	3
ICAO/IATA Class	3 (* see note)	3 (* see note)
IMDG Class	3.1, pg. 3102	3.1, pg 3102
Shipping Name	ADHESIVES CONTAINING A FLAMMABLE LIQUID	ADHESIVES CONTAINING A FLAMMABLE LIQUID
Shipping Name	BOXES, ADHESIVES, III (LTD.QTY)	DRUMS, ADHESIVES, III

* Packaging may not be approved for shipping by air. Please contact McGill AirSeal for further information.

SECTION XV - REGULATORY INFORMATION

SARA TITLE III SECTION 313:

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Chemical Name	CAS Number	Percent
HEXANE	110-54-3	29.00

PENNSYLVANIA:

Hazardous components required to be listed at 1% or more:

kaolin clay; kaolin; 1332-58-7

hexane; hexane; 110-54-3

crystalline silica; quartz; 14808-60-7

Non-hazardous components required to be listed at 3% or more:

styrene-butadiene rubber 9003-55-8; petroleum hydrocarbon 64742-18-3;

C-9 resin 68240-01-7

NEW JERSEY:

clay 1332-58-7; C-9 resin 68240-01-7; styrene-butadiene rubber

9003-55-8; hexane 110-54-3; petroleum oil 64742-18-3

SECTION XVI - OTHER INFORMATION

DISCLAIMER:

While the information and recommendations set forth herein are believed to be accurate as of the data hereof, McGill AirSeal Corp. makes no warranty, express or implied, with respect thereto and disclaims all liability from reliance thereon.

