



Features & Benefits

99% RH Moisture Limits

Very Low Odor Solvent Free, "Zero" Calculated VOC

Extremely Tenacious Tack, High Shear & Peel Strength

Non-Staining Formula

Antimicrobial Protection

Immediate Occupancy

Made in the USA



Mohawk M99

Technical Data Sheet (TDS)

Resilient Flooring Adhesive for Commercial Sheet, LVT & ERT

Mohawk M99 is a high-strength, high-tack adhesive for installing multiple types of dimensionally stable floor coverings such as vinyl tiles & plank, rubber stair treads, vinyl sheet, and non-vinyl enhanced resilient tile flooring over porous substrates. Mohawk M99 offers extended open time, fast dry time and ease of application. This unique adhesive has outstanding water resistance and tenacious bond strength for demanding installations such as hospitals, schools, nursing homes, hospitality, and food preparation centers. The low odor is ideal for occupied buildings.

BEFORE YOU BEGIN

IMPORTANT: Proper substrate preparation is essential. Moisture testing must be performed and documented before installation begins. The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 65-85°F, and the humidity between 45-65% for 48 hours prior to, during, and continuously after the installation. Asphalt-based or cutback adhesive stains must be removed completely.

INSTALLATION

Porous Substrates:

- Vinyl sheet flooring may be placed into adhesive after 10-20 minutes open time (flash-off) over a porous substrate.
- When installing vinyl and non-vinyl plank and tile over a porous substrate, the adhesive should be allowed to dry to the touch sufficient to prevent slippage. Loss of adhesion can result if the flooring is not installed within the working time of the adhesive.
- Always roll the installation in both directions with a 75 lbs. 3-section roller immediately after flooring is placed, ensuring complete contact with adhesive.

Rubber Stair Treads:

- Read Technical Bulletin titled Stair Tread and Riser Installation Instructions for complete instructions and limitations. This document may be obtained by calling Mohawk Technical Services at 800-833-6954.

PLEASE NOTE: Due to the many additives being used in or on concrete slabs, it is critical that a bond test be performed. Some treatments will repel any sealer or adhesive. If usage instructions are not completely followed, **DO NOT USE THIS PRODUCT**

CONCRETE SUBSTRATE CONDITIONS

Installations on or above grade over bare concrete substrates with up to 99% in-situ RH (per ASTM F2170), and a pH of 12.0.

USE OVER

Above or on grade porous concrete in the absence of hydrostatic moisture/pressure. Concrete substrates must be protected from moisture penetration with a proven moisture vapor retarder per ASTM E1745.

RECOMMENDED COVERAGE AND TROWEL

1/16" x 1/32" x 1/32" U-Notch (width, depth, spacing) for all installations. Coverage will be up to 220-260 sq. feet per gallon.

ADHESIVE WORKING TIME

Up to 4 hours after drying.

TRAFFIC

Immediate traffic when installed in the adhesive dry to the touch. Immediate cleaning is allowed with seamless flooring. For all other applications allow 24 hours for light damp mopping and 72 hours for wet cleaning.

CLEAN UP

Use a clean wet cloth to clean up adhesive while still wet. Dried adhesive may require the use of mineral spirits.

LIMITATIONS

Not for outdoor use. Not for below grade installations. Shelf life 1 year from date of manufacturer, in an unopened container. Store indoors at a temperature of 65-95°F. Cannot be used over substrates which have been chemically cleaned. A bond test **MUST** be performed. Do not allow product to freeze.

PRECAUTIONARY STATEMENTS

In case of eye contact, flush with water for 10-15 minutes. If irritation persists contact a physician. If prolonged skin contact causes irritation, wash with soap and water. If swallowed, consult a physician. Avoid release to the environment. Safety glasses and gloves are recommended if contact is expected. Dispose of in accordance with local, regional, national, international regulations as specified. Read SDS for detailed product information. SDS may be obtained by calling Mohawk Technical Services at 800.833.6954.

SHELF LIFE

1 year from date of manufacture in unopened, properly stored container. Avoid excessive heat or cold. Protect from freezing. Store indoors at a temperature of 65°-95°F. LEED v4 PROGRAM CREDITS (where applicable).

- IEQ Credit 2.1, 2.2: Low Emitting Materials
- VOC content is below that established by California SCAQMD Rule 1168.
- Compliant with CA Section 01350



Mohawk EnPress®

Carpet Tile Adhesive



Mohawk EnPress® carpet tile pressure sensitive adhesive is specially designed to install Mohawk Group carpet tiles with:

- EcoFlex ICT
- EcoFlex Matrix
- EcoFlex AIR
- EcoFlex NXT

EnPress® pressure sensitive adhesive is nonflammable and has low odor and "zero" calculated VOC's, which makes it ideal for use in schools, healthcare facilities, public buildings, and anywhere odor is a concern.

EnPress® pressure sensitive adhesive is CR1 Green Label Plus™ certified. This adhesive is not photochemically reactive as defined by California Rules 102 and 443 and also meets or exceeds VOC emission levels set by California SCAQMD Rule 1168. This adhesive contains MicroSept™ broad spectrum antimicrobial protection.

Features & Benefits

Quick Tack

Aggressive Bond

Superior Shear Strength

MOISTURE WARRANTY with Enpress Adhesive:

EcoFlex ICT
80 % RH and 9 pH

EcoFlex NXT
95 % RH and 12 pH

EcoFlex NXT AIR
99% RH and 12 pH

EcoFlex Matrix
95 % RH and 12 pH

SPREAD RATE:

EcoFlex ICT, NXT & Matrix
140-160 sy per 4 gallons with a 3/8" nap roller

EcoFlex AIR
100-120 sy per 4 gallons with a
1/16"x 1/32" x 1/32" U-Notch Trowel

PACKAGING:

- Available in 4 gallon pails
- 48 pails per pallet



Mohawk M45

Technical Data Sheet (TDS)

Wall Base Adhesive

Mohawk M45 is a premium light-colored and solvent-free acrylic adhesive designed for difficult to bond cove base. Used for installing vinyl (PVC), rubber and specialty cove base on clean, dry interior walls. M45 has the high grab and wet strength to keep corners tight and to hold cove base to the wall until it dries. The fast-setting formula provides a durable impact-resistant bond.

Advantages

Compatible with All Common Manufactured Brands of Cove Base

Non-staining

SCAQMD Rule 1168 - Compliant

Low Odor

Easy Clean Up

Freeze Thaw Protected to 15° F

Exceptional Wet Grab



BEFORE YOU BEGIN

Follow Mohawk Group instructions regarding trowel size, coverage and application methods. Make certain the surface is porous by cutting away or perforating non-absorbent wall coverings. Do not apply to vinyl wallpaper. Mohawk cannot be responsible for shrinkage caused by unstable cove base.

INSTALLATION

- Spread the adhesive using a 1/8" x 1/8" x 1/8" V-Notch trowel, or using a tube applicator tip.
- The adhesive may be spread on the wall surface or on the back of the wall base.
- Immediately place the wall base into position while the adhesive is freshly applied.
- Roll the entire strip of base with a small roller in the direction of the previously placed strip.
- Wipe smudges and clean spills quickly before the adhesive dries. Use a clean cloth dampened with water.
- Clean tools with water while the adhesive is still wet.
- Dried adhesive may require the use of a solvent (odorless mineral spirits).

USE OVER

Plaster, brick, wood, concrete, gypsum drywall, plywood.

RECOMMENDED COVERAGE AND TROWEL

Standard 4" Cove 3 hole applicator
Coverage- 55-60 linear feet per cartridge
1/8" x 1/8" x 1/8" V-Notch (220-240 LF/gal)

ADHESIVE WORKING TIME

20-30 minutes

SHELF LIFE

2 years from manufacturing date in an unopened container

This product is not photochemically reactive as defined by California Rules 102 and 443. VOC content is below that established by California SCAQMD Rule 1168.

M99 - Resilient Flooring Adhesive

Safety Data Sheet (SDS)

Version	Revision Date:	MSDS Number:	Date of last issue: 05/30/2018
1.0	07/12/2018	F000003754	Date of first issue: 02/02/2018

SECTION 1. IDENTIFICATION

Product name : M99 - RESILIENT

Product code : F000003754

Manufacturer or supplier's details

Company name of supplier : Mohawk Group

Address : 160 South Industrial Blvd
Calhoun, GA 30701

Telephone : (800) 833 6954

Emergency telephone number : (CHEMTREC): (800) 424-9300 (CHEMTREC International):
(703) 527-3887 Industrial Health/Spill Emergency: (706) 277-
1300 Danny Welch (ehs@trcc.com)

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

No hazardous ingredients

This adhesive contains 0 g/L VOC (Volatile Organic Compounds).

SECTION 4. FIRST AID MEASURES

If inhaled : Move to fresh air in case of accidental inhalation of vapours.
Oxygen or artificial respiration if needed.
Call a physician or poison control centre immediately.

In case of skin contact : Wash off immediately with soap and plenty of water while
removing all contaminated clothes and shoes.
If skin irritation persists, call a physician.

In case of eye contact : In case of eye contact, remove contact lens and rinse imme-

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diately with plenty of water, also under the eyelids, for at least 15 minutes.
Keep eye wide open while rinsing.
Seek medical advice.

If swallowed : Do not induce vomiting without medical advice.
If conscious, drink plenty of water.
Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed : None known.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Foam
Carbon dioxide (CO2)
ABC powder
Water mist

Specific hazards during fire-fighting : Burning produces irritant fumes.
Exposure to decomposition products may be a hazard to health.
Cool closed containers exposed to fire with water spray.
Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : Hazardous decomposition products due to incomplete combustion

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray to cool unopened containers.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.
Exposure to decomposition products may be a hazard to health.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Ensure adequate ventilation.
Material can create slippery conditions.
Use non-slip safety shoes in areas where spills or leaks can occur.

Environmental precautions : Prevent further leakage or spillage if safe to do so.
Do not let product enter drains.

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Do not allow contact with soil, surface or ground water.
Do not allow uncontrolled discharge of product into the environment.

Methods and materials for containment and cleaning up : Dam up.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Sweep up and shovel.
Pick up and transfer to properly labelled containers.
Clean contaminated floors and objects thoroughly while observing environmental regulations.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : The product is not flammable. No special protective measures against fire required.

Advice on safe handling : Wear personal protective equipment.
Handle with care.
Take care to avoid waste and spillage when weighing, loading and mixing the product.

Conditions for safe storage : No smoking.
Keep in properly labelled containers.
Observe label precautions.
Keep containers tightly closed in a dry, cool and well-ventilated place.

Materials to avoid : Do not freeze.
Keep away from food and drink.
Keep away from tobacco products.

Recommended storage temperature : 4 - 43 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures : Handle only in a place equipped with local exhaust (or other appropriate exhaust).
Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

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Use NIOSH approved respiratory protection.

Hand protection
Material

: Impervious gloves

Eye protection

: Safety glasses with side-shields
Tightly fitting safety goggles
Face-shield

Skin and body protection

: Chemical resistant apron
Footwear protecting against chemicals
Skin should be washed after contact.
Change working clothes after each workshift.

Protective measures

: Avoid contact with skin.
When using do not eat, drink or smoke.
Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing
The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

: Do not smoke.
Keep away from food and drink.
Avoid contact with skin, eyes and clothing.
Change working clothes after each workshift.
Remove and wash contaminated clothing and gloves, including the inside, before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: white
Odour	: mild, characteristic
pH	: 8.0 - 9.0
Melting point/range	: No data available
Boiling point/boiling range	: 212 °F
Flash point	: > 212 °F
Vapour pressure	: No data available
Density	: 995 kg/m3

Solubility(ies)

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Water solubility	:	insoluble
Solubility in other solvents	:	not determined
Partition coefficient: n-octanol/water	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Stable
Possibility of hazardous reactions	:	Stable under recommended storage conditions.
Conditions to avoid	:	Protect from frost.
Incompatible materials	:	Oxidizing agents Strong acids and strong bases
Hazardous decomposition products	:	Carbon dioxide (CO ₂), carbon monoxide (CO), oxides of nitrogen (NO _x), dense black smoke.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity	:	Remarks: This information is not available.
Acute inhalation toxicity	:	Remarks: This information is not available.
Acute dermal toxicity	:	Remarks: This information is not available.

Skin corrosion/irritation

Product:

Remarks: This information is not available.

Serious eye damage/eye irritation

Product:

Remarks: This information is not available.

Respiratory or skin sensitisation

Product:

Remarks: This information is not available.

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Carcinogenicity

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish :
Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates :
Remarks: No data available

Toxicity to algae :
Remarks: No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Do not dispose of waste into sewer.
Dispose of in accordance with local regulations.
Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packaging : Clean container with water.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

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SECTION 14. TRANSPORT INFORMATION

International Regulation

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

49 CFR

Not regulated as a dangerous good

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65 This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

TSCA All components of this product appear on the Inventory of Chemical Substances published by the U.S. Environmental Protection Agency (EPA) under the authority of the Toxic Substances Control Act (TSCA).

M99 - Resilient Flooring Adhesive

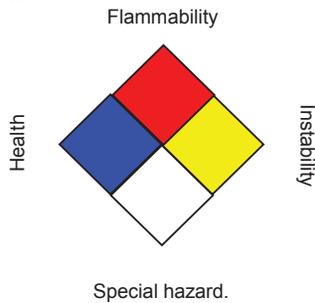
Safety Data Sheet (SDS)

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SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date : 02/02/2018

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

US / EN

EnPress® Adhesive

Safety Data Sheet (SDS)

Safety Data Sheet

MOHAWK ENPRESS

Safety Data Sheet dated: 4/3/2017 - version 2

Date of first edition: 11/14/2016

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: MOHAWK ENPRESS

Recommended use of the chemical and restrictions on use

Recommended use: Adhesive

Restrictions on use: N.A.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company: Mohawk Flooring Center

160 S. Industrial Blvd.

30701 - Calhoun - GA - USA

Phone: 800-833-6954

Emergency 24 hour numbers:

(USA) CHEMTREC 1-800-424-9300

(Canada) CANUTEC 1-613-996-6666

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

0 The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Label elements

The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Ingredient(s) with unknown acute toxicity:

None

Hazards not otherwise classified identified during the classification process:

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

None

4. FIRST AID MEASURES

Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

N.A.

Indication of any immediate medical attention and special treatment needed

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

Water.

EnPress® Adhesive

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Carbon dioxide (CO₂).

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: N.A.

Explosive properties: N.A.

Oxidizing properties: N.A.

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Storage temperature: N.A.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

No Data Available

Appropriate engineering controls: N.A.

Individual protection measures

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Not needed for normal use.

Respiratory protection:

N.A.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Liquid

Appearance and colour: Paste light blue

Odour: like: Acrylate

Odour threshold: N.A.

pH: 9.50

Melting point / freezing point: N.A.

Initial boiling point and boiling range: N.A. Notes: WATER BASED

Flash point: >100,0 °C (212,0 °F)

Evaporation rate: N.A.

Upper/lower flammability or explosive limits: N.A.

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Vapour density: N.A.
Vapour pressure: N.A.
Relative density: 1.01 g/cm³
Solubility in water: Dispersible
Solubility in oil: N.A.
Partition coefficient (n-octanol/water): N.A.
Auto-ignition temperature: N.A.
Decomposition temperature: N.A.
Viscosity: N.A.
Explosive properties: N.A.
Oxidizing properties: N.A.
Solid/gas flammability: N.A.

Other information

Substance groups relevant properties: N.A.
Miscibility: N.A.
Fat Solubility: N.A.
Conductivity: N.A.

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions

Chemical stability

Data not Available.

Possibility of hazardous reactions

None.

Conditions to avoid

Stable under normal conditions.

Incompatible materials

None in particular.

Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product: No Data Available

Substance(s) listed on the IARC Monographs:

None

Substance(s) listed as OSHA Carcinogen(s):

None

Substance(s) listed as NIOSH Carcinogen(s):

None

Substance(s) listed on the NTP report on Carcinogens:

None

12. ECOLOGICAL INFORMATION

Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

List of Eco-Toxicological properties of the product

No Data Available

Persistence and degradability

N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

EnPress® Adhesive

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Other adverse effects

N.A.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

14. TRANSPORT INFORMATION

UN number

ADR-UN number: N/A

DOT-UN Number: N/A

IATA-Un number: N/A

IMDG-Un number: N/A

UN proper shipping name

ADR-Shipping Name: N/A

DOT-Proper Shipping Name: N/A

IATA-Technical name: N/A

IMDG-Technical name: N/A

Transport hazard class(es)

ADR-Class: N/A

DOT-Hazard Class: N/A

IATA-Class: N/A

IMDG-Class: N/A

Packing group

ADR-Packing Group: N/A

DOT-Packing group: N/A

IATA-Packing group: N/A

IMDG-Packing group: N/A

Environmental hazards

Marine pollutant: No

Environmental Pollutant: N.A.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N.A.

Special precautions

Department of Transportation (DOT):

DOT-Special Provision(s): N/A

DOT-Label(s): N/A

DOT-Symbol: N/A

DOT-Cargo Aircraft: N/A

DOT-Passenger Aircraft: N/A

DOT-Bulk: N/A

DOT-Non-Bulk: N/A

Road and Rail (ADR-RID):

ADR-Label: N/A

ADR-Hazard identification number: N/A

ADR-Transport category (Tunnel restriction code): N/A

Air (IATA):

IATA-Passenger Aircraft: N/A

IATA-Cargo Aircraft: N/A

IATA-Label: N/A

IATA-Subrisk: N/A

IATA-Erg: N/A

IATA-Special Provisions: N/A

Sea (IMDG):

IMDG-Stowage Code: N/A

IMDG-Stowage Note: N/A

IMDG-Subrisk: N/A

IMDG-Special Provisions: N/A

IMDG-Page: N/A

IMDG-Label: N/A

IMDG-EMS: N/A

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IMDG-MFAG: N/A

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA Inventory:

All the components are listed on the TSCA inventory

TSCA listed substances:

no substances listed

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances:

no substances listed

Section 304 - Hazardous substances:

no substances listed

Section 313 - Toxic chemical list:

no substances listed

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

no substances listed

CAA - Clean Air Act

CAA listed substances:

no substances listed

CWA - Clean Water Act

CWA listed substances:

no substances listed

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

no substances listed

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

no substances listed

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

no substances listed

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

no substances listed

Canada - Federal regulations

DSL - Domestic Substances List

DSL Inventory:

All the substances are listed in the DSL.

NDSL - Non Domestic Substances List

NDSL Inventory:

no substances listed

NPRI - National Pollutant Release Inventory

Substances listed in NPRI:

no substances listed

16. OTHER INFORMATION

Safety Data Sheet dated: 4/3/2017 - version 2

Product code: 9019449

Additional classification information

EnPress® Adhesive

Safety Data Sheet (SDS)



HMIS Health: 0 = Minimal
HMIS Flammability: 1 = Combustible if heated
HMIS Reactivity: 0 = Minimal
HMIS P.P.E.: Safety glasses, gloves
NFPA Health: 0 = Minimal
NFPA Flammability: 1 = Combustible if heated
NFPA Reactivity: 0 = Minimal
NFPA Special Risk: N.A.

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. The information herein is presented in good faith and believed to be accurate as of the effective date given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
IMDG: International Maritime Code for Dangerous Goods.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
CLP: Classification, Labeling, Packaging.
EINECS: European Inventory of Existing Commercial Chemical Substances.
INCI: International Nomenclature of Cosmetic Ingredients.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
GefStoffVO: Ordinance on Hazardous Substances, Germany.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
DNEL: Derived No Effect Level.
PNEC: Predicted No Effect Concentration.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
WGK: German Water Hazard Class.
KSt: Explosion coefficient.

Paragraphs modified from the previous revision:

- 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING
- 9. PHYSICAL AND CHEMICAL PROPERTIES

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According to US Code of Federal Regulations 29 CFR 1910.1200, Hazard Communication

SECTION 1. IDENTIFICATION

Product Name M45
Product Code F000000952

Manufacturer or Supplier's Details

Company Name of Supplier Mohawk Industries
Address 160 South Industrial Blvd
Calhoun, GA 30701
Telephone (800) 833-6954
Emergency Contact CHEMTREC: (800) 424-9300
CHEMTREC International: (703) 527-3887
Industrial Health/Spill Emergency: (800) 367-4583 x 4727

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Not a hazardous substance or mixture
GHS Label element Not a hazardous substance or mixture
Other Hazards None known

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components No hazardous ingredients
This adhesive contains 0 g/L VOC (Volatile Organic Compounds)

SECTION 4. FIRST AID MEASURES

If Inhaled Move to fresh air in case of accidental inhalation of vapors.
Oxygen or artificial respiration if needed.
Call a physician or poison control center immediately.

In Case of Skin Contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and s
If skin irritation persists, call a physician.

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In case of eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Seek medical advice.
If Swallowed	Do not induce vomiting without medical advice. If conscious, drink plenty of water. Never give anything by mouth to an unconscious person.

SECTION 5. FIREFIGHTING MEASURES

Suitable Extinguishing Media	Foam Carbon Dioxide (CO2) ABC powder Water mist
Specific Hazards During Firefighting	Buring produces irritant fumes. Exposure to decomposition products may be a hazard to health. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous Combustion Products	Hazardous decomposition products due to incomplete combustion
Specific Extinguishing Methods	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special Protective Equipment for Firefighters	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Exposure to decomposition products may be a hazard to health.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Use personal protective equipment. Ensure adequate ventilation. Material can create slippery conditions. Use non-slip safety shoes in areas where spills or leaks can occur.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Do not allow contact with soil, surface or ground water. Do not allow uncontrolled discharge of product into the environment.
Methods and Materials for Containment and Cleaning Up	Dam up. Soak up with inert absorbent materials (e.g. sand, silica gel, acid binder, univesal binder, sawdust). Sweep up and shovel. Pick up and transfer to properly labeled containers. Clean contaminated floors and objects thoroughly while observing environmental regulations.

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SECTION 7. HANDLING AND STORAGE

Advice on Protection Against Fire and Explosion	The product is not flammable. No special protective measures against fire required.
Advice on Safe Handling	Wear personal protective equipment. Handle with care. Take care to avoid waste and spillage when weighing, loading and mixing the product.
Conditions for Safe Storage	No smoking. Keep in properly labeled containers. Observe label precautions. Keep containers tightly closed in a dry, cool and well-ventilated place.
Materials to Avoid	Do not freeze. Keep away from food and drink. Keep away from tobacco products.
Recommended Storage Temperature	4 - 43° C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures	Handle only in a place equipped with local exhaust (or other appropriate exhaust). Maintain air concentrations below occupational exposure standards.
Respiratory Protection	No personal respiratory protective equipment normally required When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators. Use NIOSH approved respiratory protection.
Hand Protection Material	Impervious gloves
Eye Protection	Safety glasses with side-shields Tightly fitting safety goggles Face-shield
Skin and Body Protection	Chemical resistant apron Footwear protecting against chemicals Skin should be washed after contact. Change working clothes after each workshift.
Protective Measures	Avoid contact with skin. When using, do not eat, drink or smoke. Personal protective equipment comprising of: suitable protective gloves, safety goggles and protective clothing The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

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Hygiene Measures

Do not smoke.
Keep away from food and drink.
Avoid contact with skin, eyes and clothing.
Change working clothes after each workshift.
Remove and wash contaminated clothing and gloves, including the inside, before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Paste
Color	Tan
Odor	Mild, characteristic
pH	8.5 - 9.0
Melting Point/Range	No data available
Boiling Point/Range	212°F
Flash Point	> 212°F
Vapor Pressure	Similar to water
Density	1,100 - 1,150 kg/m ³
Water Solubility	Insoluble
Solubility in Other Solvents	Not applicable
Partition Coefficient: Noctanol/Water	No data available
Explosive Properties	Not applicable

SECTION 10. PHYSICAL AND CHEMICAL PROPERTIES

Reactivity	Stable
Possibility of Hazardous Reactions	Stable under recommended storage conditions.
Conditions to Avoid	Protect from frost.
Incompatible Materials	Oxidizing agents Strong acids and strong bases
Hazardous Decomposition Products	Carbon dioxide (CO ₂), carbon monoxide (CO), oxides of nitrogen (NOx), dense black smoke

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Remarks: This information is not available.
Acute Inhalation Toxicity	Remarks: This information is not available.

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Conditions to Avoid	Remarks: This information is not available.
Acute Dermal Toxicity	Remarks: This information is not available.
Skin Corrosion/Irritation	Remarks: This information is not available.
Serious Eye Damage/ Eye Irritation	Remarks: This information is not available.
Respiratory or SKIN Sensitization	Remarks: This information is not available.
Carcinogenicity - IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Carcinogenicity - OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Carcinogenicity - NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity - Toxicity to Fish	Remarks: This information is not available.
Ecotoxicity - Toxicity to Daphnia and Other Aquatic Invertebrates	Remarks: This information is not available.
Ecotoxicity - Toxicity to Algae	Remarks: This information is not available.
Persistence and Degradability	No data available
Bioaccumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods	Do not dispose of waste into sewer.
Waste from Residues	Dispose of in accordance with local regulations. Can be landfilled or incinerated, when in compliance with local regulations.
Contaminated Packaging	Clean container with water. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulations	
UNRTDG	Not regulated as a dangerous good
IATA-DGR	Not regulated as a dangerous good
IMDG-Code	Not regulated as a dangerous good

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Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied

National Regulations

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

WORKPLACE HAZARDOUS MATERIAL IDENTIFICATION SYSTEM:

N/A

OTHER REGULATIONS:

N/A

SECTION 16 - OTHER INFORMATION

PREPARED BY:

Michel Leblanc

REVISION DATE:

March 16, 2018

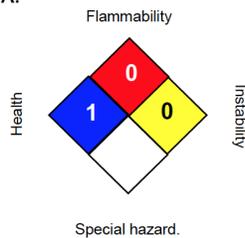
REPLACING OLD VERSION FROM:

N/A

REASON:

New SDS

NFPA:



HMIS III:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Disclaimer/Statement of Liability

AMERICAN BILTRITE has compiled the information and recommendations contained in this Safety Data Sheet (SDS) from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the SDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide for himself what safety measures are necessary to safely use this product, either alone or in combination with other products.

N/A: Not applicable

N/D: Not determined

N/E: Not established