

# Scuff and Scratch Repair Kit

# SAFETY DATA SHEET

SDS Preparation Date (mm/dd/yyyy): 08/15/2022

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

## SECTION 1: IDENTIFICATION

PRODUCT NAME: Scuff and Scratch Repair Kit  
CHEMICAL NAME & SYNONYMS: Polyurethane dispersion  
PROCESSORS NAME: VanHearron Inc. 410 S. Coker, Greenwood, AR 72936 Phone: (479) 255-6101  
CAS #: Not Issued  
CHEMICAL FAMILY: Polyurethane  
CHEMICAL FORMULA: Water Based Polyurethane dispersion  
USE: Scratch repair for Luxury Vinyl

## SECTION 2: HAZARD(S) IDENTIFICATION



### WARNING

NFPA 704 CODES: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious and 4=Severe

HEALTH (BLUE)	FLAMMABILITY (RED)	REACTIVITY (YELLOW)	CLOTHING
NFPA: 1	NFPA: 0	NFPA: 0	NFPA:
HMIS: 1	HMIS: 0	HMIS: 0	HMIS: PP = B

### ACUTE EFFECTS OF OVEREXPOSURE

EYE: Irritating to the eyes.  
SKIN: No skin irritation expected. May aggravate existing dermatitis.  
INHALATION: Breathing mist may cause irritation to upper respiratory tract.  
INGESTION: None known. May cause nausea, abdominal discomfort or diarrhea.  
CHRONIC EFFECTS OF OVEREXPOSURE: Repeated prolonged skin contact may produce irritation.  
OTHER HEALTH EFFECTS (MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE): No other known applicable information.

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	% BY WT
2-butoxyethanol	111-76-2	< 2%
Adipic Dihydrazide	1071-93-8	< 5%

## SECTION 4: FIRST-AID MEASURES

EYE: Immediately flush eyes with running water for at least 15 minutes. Seek medical attention.  
SKIN: Minimal effect on contact. Wash skin with soap and water. If irritation or adverse symptoms, seek medical attention  
INHALATION: Remove to fresh air. If breathing difficult, seek immediate medical attention.  
INGESTION: Do not take internally. Treat Symptomatically Do not induce vomiting. Seek medical attention.

## SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: CO2, dry chemical, foam, water spray, water fog.  
Material will not burn until water has been evaporated. Container may rupture on heating. When heated, hazardous gases may be released including: hydrogen chloride and chlorine. See section 10 for additional information. For these reasons, fire fighters should wear self-contained breathing apparatus and full protective clothing. Heated closed containers may burst due to steam pressure. Cool containers with water.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Ventilate area if spilled in confined space or other poorly ventilated areas. Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. See Section 8 of the SDS for Personal Protective Equipment. Wash area with soap and water. Spilled liquid and dried

film are slippery. Use care to avoid falls. Dike far ahead of larger spill for later recovery and disposal. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Avoid release to the environment. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so.  
Other: Call Chemtrec 800-424-9300

## SECTION 7: HANDLING AND STORAGE

Avoid contact with eyes and prolonged or repeated contact with skin. Avoid breathing mists or vapors. When using do not eat, drink or smoke. Stir well before use. Keep containers closed when not in use. Minimize contact with air to reduce contamination with mold, fungus, or other organisms which could cause decomposition or spoilage. Wash thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin, and clothing. Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Launder contaminated clothing before reuse. Safety showers and eye stations should be available to employees. Normal warehouse storage in a closed container is adequate. Storage temperature should be above freezing and below 120°F..

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

No special personal protection is required under normal use. Skin exposure is not likely to result in the material being absorbed through the skin in harmful amounts. Since this material is known to be a mild irritant and allergic sensitizer, avoid prolonged skin contact. Normal ventilation is adequate. Avoid breathing mist or vapors. Desirable protective equipment may include safety glasses and rubber gloves. Where splashing may occur, increased eye and skin protection is beneficial. This may include goggles, face shield, water resistant clothing and rubber boots. Wash contaminated clothing before reuse. Do not take internally. Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. Respiratory Protection: If respiratory irritation is experienced, use a mist, organic vapor type respirator.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Slightly opaque liquid.	ODOR:	Acrylate
pH: (Typical)	7.5-9.0	SPECIFIC GRAVITY (H <sub>2</sub> O = 1):	1.01
BOILING POINT, 760 mm Hg:	205 F, 96 C	PERCENT VOLATILE BY WEIGHT:	< 45 %
VAPOR PRESSURE, at 20 deg. C:	18 Torr	PERCENT VOLATILE BY VOLUME:	< 45 %
LIQUID DENSITY :	1.02 g/cc	SOLUBILITY IN WATER, by wt.:	Dispersible
VISCOSITY:	Similar to Water	PHYSICAL STATE:	Liquid
EVAPORATION RATE (Butyl Acetate =1):	< 1.0		

## SECTION 10: STABILITY AND REACTIVITY

Product is stable and non-reactive under normal use over a wide range of pH. Irritating and toxic substances may be emitted upon combustion, burning, or decomposition of dry solids. May also include isocyanates and small amounts of hydrogen cyanide. Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, nitrogen oxides, hydrogen chloride, chlorinated compounds, and other products of incomplete combustion.

## SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation: No data available.  
Ingestion: No data available. Skin Contact: No data available. Eye contact: No data available.

Information on toxicological effects

Acute toxicity

Oral

Product: May cause irritation of the gastrointestinal tract.

Not classified for acute toxicity based on available data.

Dermal

Product: Not classified for acute toxicity based on available data.

Inhalation

Product: Overexposure to vapors or mist may cause dizziness, headache, nausea, and/or flu-like symptoms. Avoid inhalation of mists or vapors.

Not classified for acute toxicity based on available data.

Skin Corrosion/Irritation:

Product: Pre-existing skin conditions may be aggravated by prolonged or repeated exposure. Prolonged or repeated contact may cause irritation.

Serious Eye Damage/Eye Irritation:

Product: Remarks: At processing or combustion temperatures this product may emit fumes and vapors that cause irritation, possibly severe, to the eyes. Vapors may cause irritation.

Remarks: Not classified as a primary eye irritant.

Respiratory sensitization: No data available

Skin sensitization:

Adipic dihydrazide Classification: May cause sensitization by skin contact. (Literature) Category 1

Specific Target Organ Toxicity - Single Exposure:

Product: Under decomposition conditions, isocyanates may be generated from this product. Isocyanates can cause skin sensitization and/or

respiratory sensitization., Persons with sensitive airways (e.g., asthmatics) may react to vapors., If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract.

Adipic dihydrazide If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract.

Aspiration Hazard: No data available

Other effects:

Acrylic copolymer If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract.

Chronic Effects

Carcinogenicity: No data available

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):

No carcinogenic components identified

Germ Cell Mutagenicity:

Adipic dihydrazide The Ames Salmonella test for mutagenicity was negative for this product.

Reproductive toxicity: No data available

Specific Target Organ Toxicity - Repeated Exposure:.

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

#### Fish

Adipic dihydrazide

LC 50 (Common Carp, 96 h): > 100 mg/l

Aquatic Invertebrates

Adipic dihydrazide

EC 50 (Water flea (Daphnia magna), 48 h): > 106 mg/l

#### Toxicity to Aquatic Plants

Adipic dihydrazide

EC 50 (Algae (Pseudokirchneriella subcapitata), 72 h): 8.7 mg/l

#### Toxicity to soil dwelling organisms

No data available

#### Sediment Toxicity

No data available

#### Toxicity to Terrestrial Plants

No data available

#### Toxicity to Above-Ground Organisms

No data available

#### Toxicity to microorganisms

No data available

#### Persistence and Degradability

##### Biodegradation

Adipic dihydrazide

62.14 %, 28 d, Readily biodegradable

##### Bioaccumulative Potential

##### Bioconcentration Factor (BCF)

No data available

##### Partition Coefficient n-octanol / water (log Kow)

Adipic dihydrazide

Log Kow: -2.7 20 °C 68 °F

##### Mobility:

No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty container contains product residue which may exhibit hazards of product..

## SECTION 14: TRANSPORTATION INFORMATION

### DOT

Not regulated.

### IMDG

Not regulated.

### IATA

Not regulated.

### Transport in bulk according to Annex II of MARPOL and the IBC Code

None known.

## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

None present or none present in regulated quantities.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Chemical Identity	CAS number	Reportable quantity	Calculated <sup>1</sup>
Sodium bisulfite	7631-90-5	5000 lbs	> 50000 lbs > 22680 kgs
Ammonium hydroxide	1336-21-6	1000 lbs	> 50000 lbs > 22680 kgs

<sup>1</sup>This is the amount product/material required to be released before CERCLA reporting is required.

#### Superfund Amendments and Reauthorization Act of 1986 (SARA) SARA 311 Classifications

Respiratory or Skin Sensitization

#### SARA 302 Extremely Hazardous Substance

None present or none present in regulated quantities.

#### SARA 304 Emergency Release Notification

Chemical Identity	CAS number	Percent by Weight	Reportable quantity
Sodium bisulfite	7631-90-5	0.1 %	5000 lbs
Butyl cellosolve	111-76-2	534.0 PPM	*See regulation for further details
Ammonium hydroxide	1336-21-6	353.0 PPM	1000 lbs

\*These specific chemicals are not listed please check the generic entries on the SARA 304 listings for applicability.

#### SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

#### STATE RIGHT-TO-KNOW:

Under California Proposition 65, this product contains no listed substances at levels which would require a warning as a product known to cause cancer, birth defects or other reproductive harm. Under the Massachusetts Right-To-Know Law, this product contains no listed substances at levels that require reporting per the Substance List. Under the Pennsylvania Right-To-Know Law, this product contains no listed substances at levels that require reporting per the Hazardous Substance List.

## SECTION 16: OTHER INFORMATION

All terms and abbreviations have been defined in various government publications, or are standard chemical terms used by IUPAC. The data and recommendations herein are based upon our research and the research of others, and are believed to be accurate. However, no warranty or guarantee of their accuracy is made; and the products are distributed without warranty, expressed or implied, included the limited warranties of merchantability of fitness for particular purpose.

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**This document effective 08/15/2022 supersedes all previous versions.**