

SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: Stick-M-Up Product Use: Carpet Adhesive Remover Manufactured for: Twin-Chem, Inc. 6175 Hickory Flat Hwy Canton, GA 30115	Product Identification # (PIF): 02018 Emergency Telephone #: 1-800-255-3924 General Information #: 770-924-5333 Date Prepared: August 4, 2014 Date Revised: October 1, 2015
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SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification



Signal Word: WARNING

Hazard Class	Category	Code	Hazard Statement
Flammable Liquid	4	H227	Combustible Liquid
Skin Corrosion/Eye Damage	1C	H314	Causes severe burns and eye damage
STOT, SE; Narcotic Effects	3	H336	May cause drowsiness or dizziness.

Precautionary	Code	Statement
Prevention	P210 P260 P264 P271 P280	Keep away from heat/sparks/open flames/hot surfaces – No smoking. Do not breathe fumes/mists/ vapors/sprays. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.
Response	P301+P330+P331 P303+P361+P353 P363 P304+P340 P310 P321 P305+P351+P338 P370+P378	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatments: See section 4 First Aid Measures. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if easy to do so. Continue rinsing. In case of fire: Use foam, dry chemical, carbon dioxide fire extinguishers or water spray for extinction.
Storage	P403+P233+P235 P405	Store in a well ventilated place. Keep container tightly closed. Keep cool. Store locked up.
Disposal	P501	Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations.

Description of any hazards not otherwise classified: Repeated or prolonged skin contact can cause dermatitis (skin drying). High vapor concentrations may cause irritation to respiratory tract, and central nervous system depression – symptoms may include headache, dizziness, nausea, euphoria, drowsiness and fatigue. Inhalation of mists or sprays of product may cause irritation to the respiratory tract. Swallowing large amounts may cause central nervous system depression: headache, dizziness and gastrointestinal distress. Aspiration into the lungs during vomiting may cause lung damage.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Common Name	CAS #	Max. %
2-butyoxyethanol	Ethylene glycol monobutyl ether	111-76-2	18 – 22
Disodium trioxosilicate	Silicic Acid, disodium salt	6834-92-0	6 – 10
Monoethanolamine	MEA	141-43-5	3 – 7

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. Seek medical attention.

Skin: Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration by way of pocket mask equipped with one-way valve or other proper respiratory device – Do NOT use mouth-to-mouth method if victim inhaled material. Call a physician.

Ingestion: DO NOT INDUCE VOMITING. Call a physician immediately. If completely conscious and aware, have victim rinse out mouth, then drink 8-16oz. water to dilute. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Class IIIA Combustible liquid

Flash Point: >145°F (>63°C)

Extinguishing Media: Foam, dry chemical, carbon dioxide fire extinguishers, water fog or spray. Do not spray water directly on fire. Use water spray to cool containers.

Specific hazards arising from chemical: Vapors are heavier than air and may travel along the ground to an ignition source.

Hazardous combustion products: Carbon monoxide and carbon dioxide.

Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

Sensitivity to static discharge: This product is a Class IIIA Combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment (Section 8). Eliminate all ignition sources. Ventilate area. Avoid breathing fumes/mists/ vapors/sprays. Wash thoroughly after handling.

For Small Spills: Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Vapor-suppressing foam may be used to reduce vapors. Neutralize spill with mild acid, such as citric acid. Litmus paper may be used to confirm neutralization. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.

For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Wear personal protection equipment (Section 8). Use only outdoors or in a well-ventilated area. Avoid breathing fumes/mists/ vapors/sprays. Do not handle around sources of ignition. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively. Do not premix with other chemicals. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.

Storage: Keep away from heat, flame, or sunlight – keep cool. Keep from freezing. Keep container tightly closed when not in use. Store locked up. Store in a well-ventilated place. Protect from physical damage. Store away from strong oxidizing agents, acids, alkalis, chlorates, chlorine, organic amines, aluminum, zinc, tin, copper and their alloys.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient	CAS #	OSHA/PEL	ACGIH/TLV	STEL
2-butoxyethanol	111-76-2	50 ppm	20ppm	Not established
Disodium trioxosilicate	6834-92-0	Not determined	Not determined	Not determined
Monoethanolamine	141-43-5	3 ppm	3 ppm	6 ppm

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

Eye: Safety glasses with side shields or splash proof goggles.

Skin: Chemical resistant (impervious) gloves. Normal materials handling clothing.

Respirator: Use NIOSH approved protection if PEL is exceeded, if vapors are causing irritation or if mists or sprays are generated and causing irritation.

Other: Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless, clear liquid	Upper/Lower flammability limits	Not determined
Odor	Mint and butyl	Vapor pressure	Not determined
Odor threshold	Not determined	Vapor density (Air = 1)	>1
pH	12 – 13	Specific gravity (water = 1.0)	1.035 g/ml
Melting point	Not determined	Solubility	Complete in water
Freezing point	Not determined	Partition coefficient (n-octanol/water)	Not determined
Boiling point	Not determined	Auto-ignition temperature	Not determined
Flash point	>145°F (>63°C)	Decomposition temperature	Not determined
Evaporation rate (n-butyl acetate=1)	<1	Viscosity	Not determined
Flammability	Class IIIA Combustible	%Volatile/Volume	87

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Contact with acids will cause gelling and evolution of heat.

Chemical stability: Stable under normal, ambient temperature and conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals

Incompatible materials: Avoid strong oxidizing agents, acids, alkalis, chlorates, chlorine, organic amines, aluminum, zinc, tin, copper and their alloys.

Hazardous combustion products: Carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity (short and long term):

Oral (LD50 Rat): >2000mg/kg

Dermal (LD50 Rabbit): >2000mg/kg

Inhalation (LC50 Rat): Not determined

NTP/IARC/OSHA Carcinogen: No

Eye Contact: Corrosive to eyes. May cause eye damage if not treated promptly.

Skin Contact: Corrosive to skin. May cause skin burns if not treated promptly. Repeated or prolonged skin contact may cause dermatitis (skin drying).

Inhalation: High vapor concentrations may cause irritation to respiratory tract, and central nervous system depression. Symptoms may include headache, dizziness, nausea, euphoria, drowsiness and fatigue. Inhalation of mists/sprays may cause irritation of entire respiratory tract.

Ingestion: Swallowing large amounts may cause central nervous system depression: headache, dizziness and gastrointestinal distress - Aspiration into the lungs during vomiting may cause lung damage.

SECTION 12. ECOLOGICAL INFORMATION

Acute Aquatic Effects:

96h LC-50 (fish): >100ppm

96h EC-50 (invertebrates): Not determined

48h LC-50 (algae): Not determined

Persistence and biodegradability: No data available.

Bioaccumulation: Low potential.

Mobility: This product is soluble in water and may spread in water systems. This product is partially volatile and may spread in the atmosphere. Soil mobility not determined.

Effects on Aquatic Life: This product can raise the pH of an aquatic environment, and thus be extremely toxic to fish and aquatic plants. As with all chemicals, work practices should be aimed at eliminating environmental releases.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.

Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.

RCRA: Not applicable.

SECTION 14. TRANSPORT INFORMATION

United States D.O.T.:

UN/ID No.: UN1760

Proper Shipping Name: Corrosive Liquids, n.o.s., (Ethanolamine)

Hazard Class: 8

Packing Group: III

49 CFR §173.154 (b) (2) (Exemption): This product can ship as "Limited Quantity" in inner packaging not over 1.3 gallons. (Non Hazardous)

IATA and IMDG:

UN/ID No.: UN1760

Proper Shipping Name: Corrosive Liquids, n.o.s., (Ethanolamine)

Hazard Class: 8

Packing Group: III

Marine Pollutant (IMDG Code): No

Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

Immediate (Acute) Health	Yes	Fire Hazard	Yes
Delayed (Chronic) Health	Yes	Reactive Hazard	No

SARA Title 313: Ethylene Glycol Monobutyl Ether 111-76-2 percent by wt. = 20%. Monoethanolamine 141-43-5 percent by wt. = 5%.

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: Ethylene Glycol Monobutyl Ether CAS# 111-76-2 - California, Massachusetts, Minnesota, New Jersey & Pennsylvania. Monoethanolamine CAS# 141-43-5 - New Jersey, Massachusetts, Pennsylvania.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: Not applicable.

SECTION 16. OTHER INFORMATION

Date prepared: October 1, 2015

Hazard Ratings (HMIS): Health 2, Flammability 2, Reactivity 0 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.

Product VOC: 20%

Carefully read all instructions on label before handling this product.

Keep out of reach of children.

"FOR INDUSTRIAL USE ONLY"

Abbreviation	Full Name/Explanation
ACGIH	American Conference of Government Industrial Hygienists
CAS	Chemical Abstract Service

CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CNS	Central Nervous System
CFR	Code of Federal Regulations
DOT	Department of Transportation
EC	Effective Concentration
HMIS	Hazardous Material Information System
LC	Lethal Concentration
LD	Lethal Dose
NA	Not Applicable
ND	Not Determined
NE	Not Established
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation Recovery Act
SARA	Superfund Amendments and Reauthorization Act
STEL	Short-Term Exposure Limit
TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act
VOC	Volatile Organic Compounds

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.
 SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.