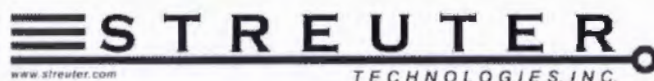


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MSDS NO: TB-MSDS-004 Rev: 01

Issue Date: 08/17/07

Revision Date: 10/05/09

V# 025480

Streuter Technologies, Inc.
208 Avenida Fabricante
San Clemente, CA 92672
Phone: (949) 369-7676
Fax: (949) 369-7650

Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name NO Days Mosaic Adhesive
Item Number NDM
Generic Name Heat Activated Adhesive Film

MFG Location 208 Avenida Fabricante, San Clemente, CA 92672, United States

2. COMPOSITION / INFORMATION ON INGREDIENTS

Material Name Heat Activated Adhesive Film, Concentration 100%

Material	CAS No.	OSHA PEL	ACGIH TLV
Paraffin	64742-26-3	2mg/m ³ (TWA)	2mg/m ³ (TWA)
Vax012 Resin	108-05-4	15mg/m ³ (TWA) total dust, 5mg/m ³ dust (particulates)	35mg/m ³ (8hr, TWA, A3)
Tackifier Rosin	8050-31-5	TWA 10mg/m ³ total particulates	TWA 10mg/m ³ total particulates

3. HAZARD IDENTIFICATION / INFORMATION

Physical Hazards

Ethylene vinyl acetate based adhesive will melt if subjected to temperatures in excess of 160°F / 71°C. Combustion may occur at temperatures above 460°F / 238°C.

Physical Form

Solid form up to 160°F / 71°C, adhesive will change to liquid phase above this temperature.

Appearance

Translucent, pewter or black depending on customer color selection

Odor

None

OHSA Hazard Classification

Finished dry-to-the-touch adhesive sheet is not hazardous

Department of Transportation (DOT) Hazard Class

This product is not subject to DOT regulations

NFPA Hazard Class (HMIS Ratings)

Health	0
Flammability	1
Reactivity	0

Product Name NO DAYS MOSAIC ADHESIVE
MSDS Number TB-MSDS-004 REV 01

Page 1

24 Hour General Emergency Telephone Numbers

For spill, fire or accidents contact:

Chemtrec

North America Phone: 1-800-424-9300

International Phone: 703-527-3887

For general health emergencies contact:

Orange County Poison Control Center

Phone: 1-800-544-4404

4. HEALTH EFFECTS DATA

EYE

Fumes from overheated adhesive film may cause watering. Prolonged exposure could cause irritation.

SKIN

No irritation observed. Contact with heated melted material may cause burns.

INHALATION

Adhesive film sheet is not respirable as marketed. At temperatures above 160°F / 71°C, fumes may be irritating to the throat.

INGESTION

Do not take internally. Not an ingestion hazard under anticipated conditions of use.

5. FIRST AID MEASURES

EYE

Flush with lukewarm water. Obtain medical attention if irritation persists

SKIN

If cuts are incurred during handling, use standard first aid for cuts/scratches. For contact with molten material, cool skin with water and cold packs for 15 minutes.

INHALATION

If respiratory symptoms develop from exposure to fumes emitted by molten material, move away from source of exposure and into fresh air. If symptoms persist, seek medical attention.

INGESTION

If molten material is swallowed, seek immediate medical attention.

6. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Dry chemical, foam, sand or earth is recommended

FIREFIGHTING INSTRUCTIONS

Emergency responders in the danger area should wear bunker gear and self contained breathing devices

HAZARDOUS COMBUSTION PRODUCTS

If heated to combustion, the following substances may be formed: carbon dioxide, carbon monoxide, oxides, sulfur and nitrogen

FLASH POINT

460°F / 238°C

OSHA Flammability Class

Not Applicable

7. SPILL AND LEAK PROCEDURES

SPILL, LEAK OR RELEASE

Pick up film to prevent slipping hazard

AQUATIC TOXICITY

Adhesive film is insoluble in water

WASTE DISPOSAL

Landfilling in a permitted solid or hazardous waste facility is recommended. Dispose in container or heavy plastic bag. Ensure there are no restrictions on disposing bulk or semi-bulk quantities of waste material. Disposal should be in accordance with all Federal, State and Local regulations.

Product Name NO DAYS MOSAIC ADHESIVE
MSDS Number TB-MSDS-004 REV 01

Page 2

8. HANDLING AND STORAGE

STORAGE TEMPERATURE

Maximum Recommended Storage Temperature: 95°F / 35°C

Minimum: Not applicable

STORAGE CONDITIONS

Store adhesive sheets in a cool dry location away from any type of ignition sources. Keep away from incompatible materials such as strong oxidizing agents.

HANDLING

Dry to the touch adhesive film at room temperatures can be handled by hand. Do not touch heated or molten material.

9. EXPOSURE CONTROL AND PERSONAL PROTECTION EQUIPMENT (PPE)

RESPIRATORY

No respiratory protection required.

SKIN

No special skin protection required.

EYE/FACE

No special eye/face protection required. Safety glasses recommended

10. PHYSICAL DATA

FLASH POINT

460°F / 238°C

MELTING POINT

160°F / 71°C

SPECIFIC GRAVITY

0.98

SOLUBILITY IN WATER

None

VOLATILES, % BY VOLUME

None

APPEARANCE

Flexible adhesive sheet, 0.005" (0.13mm) thick in varying sheet sizes

COLOR

Translucent, pewter or clear depending on customer selection

11. STABILITY AND REACTIVITY

CHEMICAL STABILITY

Stable under normal conditions of storage and handling

CONDITIONS TO AVOID

Avoid exposing adhesive to elevated temperatures at or above 428°F / 220°C

INCOMPATIBLE MATERIALS

Avoid contact with strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS

None anticipated under normal or recommended storage and handling conditions. If this product is exposed to elevated temperatures at or above 460°F / 238°C, combustion products may be generated (see section 6 of MSDS for Hazardous Combustion Products generated).

HAZARDOUS POLYMERIZATION

Not anticipated under normal or recommended handling or storage conditions.

12. TOXICOLOGICAL INFORMATION

Carcinogenicity Information

Not listed as a carcinogen by the National Toxicology Program (NTP). Not regulated as a carcinogen by the Occupational Safety and Health Administration (OSHA). Not evaluated by the International Agency for Research on Cancer (IARC).

Product Name NO DAYS MOSAIC ADHESIVE
MSDS Number TB-MSDS-004 REV 01

Page 3

13. DISPOSAL CONSIDERATIONS

This product, if discarded as produced, is not a Resource Conservation and Recovery Act (RCRA) listed as or characterized as hazardous waste. Disposal should be in accordance with all Federal, State and Local Regulations (see section 7 of MSDS for other disposal considerations)

14. TRANSPORT INFORMATION

Transportation of this product is not hazardous and is not regulated by the Department of Transportation (DOT). Shipment of this product should remain in its original packaging. Shipment of this product in its original packaging by methods of air, ground or sea is not hazardous and will not adversely affect the performance of the product.

15. REGULATORY INFORMATION

This material shipped contains no chemicals subject to the reporting of the Superfund Amendment Reauthorization Act (SARA) Section 313 and 40 CFR 372 and 370.2

16. OTHER INFORMATION

The information and recommendations contained in this Material Safety Data Sheet have been compiled from sources believed to be reliable and accurate and to represent the most reasonable current opinion on the subject when the MSDS was prepared. No warranty, guarantee or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in a combination of products, and determine its environmental compliance obligations under any applicable Federal, State or Local laws.

MSDS STATUS

Effective Date 08/17/07

For further information, contact the MSDS Coordinator at (949) 369-7676 or e-mail qmsinfo@streuter.com

MSDS * NO Days Mosaic Adhesive * Streuter Technologies

Product Name NO DAYS MOSAIC ADHESIVE
MSDS Number TB-MSDS-004 REV 01

Page 4

SAFETYDATASHEET

1. PRODUCT IDENTIFICATION

PRODUCT NAME: Mosaic Tile Adhesive
ADH-2, ADH-4, ADH-8, ADH-32, ADH- GAL

PRODUCT TYPE: Adhesive

MANUFACTURER'S NAME: Mosaic Mercantile, Inc.
ADDRESS: 1234 Indiana Street,
San Francisco, CA 94107

BUSINESS PHONE: 415-282-5410
FAX NUMBER: 415-282-5413

DATE OF PREPARATION: June 15, 2015

2. HAZARD IDENTIFICATION

EMERGENCYOVERVIEW:

NOT CLASSIFIED. READ ENTIRE SAFETY DATA SHEET.

GHS HAZARD CLASS	HAZARD CATEGORY
None	None

PICTOGRAM

NONE

PRECAUTIONARY STATEMENT:

NONE PRESCRIBED.

Classification complies with OSHA Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

3. COMPOSITION and INFORMATION ON INGREDIENTS

HazardousIngredients:	CAS#	WT%*
None	N/A	N/A

* Exact percentage is proprietary information. Concentration range is provided to assist users in providing appropriate protection.

SAFETYDATASHEET

4. FIRST-AID MEASURES

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and MSDS to health professional with contaminated individual.

SKINCONTACT: Wash affected area immediately soap and water. Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention.

EYECONTACT: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get immediate medical attention.

INHALATION: Move to fresh air. If symptoms develop and persist, get medical attention.

INGESTION: Routine use of this product is not expected to cause any situation which could lead to ingestion. If this product is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or unable to swallow.

MEDICALCONDITIONSAGGRAVATEDBYEXPOSURE: None known.

RECOMMENDATIONSTOPHYSICIANS: Treat symptoms and eliminate overexposure.

5. FIRE-FIGHTING MEASURES

FLASHPOINT: Aqueous. Does not flash

AUTOIGNITIONTEMPERATURE: Not Established

FLAMMABLELIMITS(inairbyvolume,%): Lower:NA Upper:NA

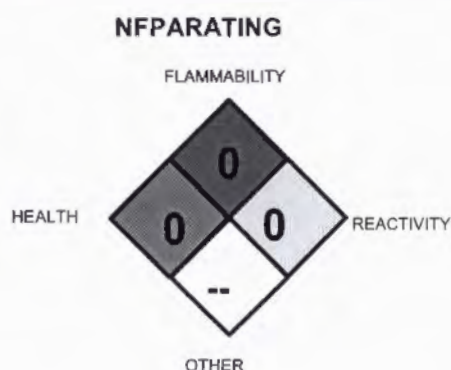
FIRE EXTINGUISHING MATERIALS: Use fire extinguishing materials appropriate for surrounding fire including water spray (for cooling), dry extinguishing media, carbon dioxide, foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This product has no unusual fire or explosion hazards..

Explosion Sensitivity to Mechanical Impact: Not Sensitive

Explosion Sensitivity to Static Discharge: Not Sensitive

SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent run off water from entering storm drains, bodies of water, or other environmentally sensitive areas.



Hazard Scale: 0=Minimal 1=Slight
2=Moderate
3=Serious 4=Severe

SAFETYDATASHEET

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Personnel should be trained for spill response operations. Wear appropriate protective equipment such as rubber gloves, safety glasses, and appropriate body protection. Stop discharge if safe to do so.

CLEAN-UP METHOD: Wear suitable protective clothing, gloves and eye/face protection. Avoid skin contact and inhalation of vapors during disposal of spills. Confine in small space area; use absorbent to clean up.

DISPOSAL: Dispose of in accordance with applicable Federal, State, and local procedures (see Section13, Disposal Considerations). Dispose of recovered material and report spill per regulatory requirements. It is recommended you contact local authorities to determine if there may be other local reporting requirements.

7. HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

STORAGE AND HANDLING PRACTICES: All employees who handle this material should be trained to handle it safely. Avoid contact with eyes, skin and clothing. Keep the container tightly closed and dry.

EMPTY CONTAINER PRECAUTION: Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for humans or animal consumption, or where skin contact can occur.

8. EXPOSURE CONTROLS- PERSONAL PROTECTION

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation, and process enclosure if necessary, to control airborne dust. Ensure eyewash/safety shower stations are available near areas where this product is used.

EXPOSURELIMITS/GUIDELINES:

ComponentName	CAS#	ACGIH-TLV's	OSHA PEL's	Other
None	N/A	N/A	N/A	N/A

Currently, International exposure limits are established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

SAFETYDATASHEET

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29CFR1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states. Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use of a full-face piece pressure/demand SCBA or a full face piece, supplied air respirator with auxiliary self-contained air supply is required under U.S. Federal OSHA's Respiratory Protection Standard (1910.134-1998) or the regulations of various U.S. States, Canada, EU Member States, or those of Japan. Air-purifying respirators with dust/mist/fume filters are recommended if operations may produce mists or sprays from this product.

EYE PROTECTION: Full face protection should be used if the potential for splashing or spraying of products exist. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

BODY PROTECTION: Work clothing sufficient to prevent skin contact. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards

9. PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE, ODOR and COLOR: White liquid, cherry odor.

BOILING POINT/RANGE: >212°F (>100°C)

pH: 8.0 to 9.0

MELTING POINT/RANGE: 32°F (0°C) (Freezing point)

EVAPORATION RATE (n-BuAc=1): same as water

SPECIFIC GRAVITY @ 20°C: 1.01–1.02 (water=1)

SOLUBILITY IN WATER: Dilutable

VAPOR PRESSURE, mm Hg @ 20°C (68°F): N/A

VAPOR DENSITY: N/A

ODOR THRESHOLD: N/A

VOC: <0.009% (Calculated)

10. STABILITY and REACTIVITY

STABILITY: Stable.

DECOMPOSITION PRODUCTS: Thermal degradation produces carbon monoxide, carbon dioxide and other low molecular weight hydrocarbons

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: The product may react to strong acids, bases and oxidizing agents.

POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur.

CONDITIONS TO AVOID: None known.

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA: No LD50 Data Available for this product

SUSPECTED CANCER AGENT: The components of this product are not listed by agencies tracking the carcinogenic potential of chemical compounds as follows:

Carcinogenicity

NTP Regulated	No
IARC Regulated	No
OSHA Regulated	No

SAFETYDATASHEET

IRITANCY OF PRODUCT: Not established.

SENSITIZATION TO THE PRODUCT: These products are not known to cause human skin or respiratory sensitization.

REPRODUCTIVE TOXICITY INFORMATION: Listed below is information concerning the effects of this product and its components on the human reproductive system.

Mutagenicity: The components of this product are not reported to produce mutagenic effects in humans.

Embryotoxicity: The components of this product are not reported to produce embryotoxic effects in humans.

Teratogenicity: The components of this product are not reported to produce teratogenicity effects in humans.

ReproductiveToxicity: The components of this product are not reported to produce reproductive effects in humans.

12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

MOBILITY IN SOIL: This product has not been tested for mobility in soil.

PERSISTENCE/DEGRADABILITY: This product have not been tested for persistence or biodegradability. The components may slowly degrade in the environment and form a variety of organic and inorganic materials; however, no specific information is known.

ENVIRONMENTAL STABILITY: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways

BIOACCUMULATION/ACCUMULATION: These products have not been tested for bio-accumulation potential.

13. DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

14. TRANSPORTATION INFORMATION

US DOT, IATA, IMO, ADR:

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101. Non-Regulated

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: These products are not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA): These products are not classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION: These products are not classified as Dangerous Goods by the International Maritime Organization

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): These products are not classified by the United Nations Economic Commission for Europe to be dangerous goods

15. REGULATORY INFORMATION

UNITED STATES REGULATIONS:

U.S. SARA REPORTING REQUIREMENTS: The components of these products are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

SAFETY DATASHEET

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for any component of these products. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) therefore applies, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None.

U.S. TSCA INVENTORY STATUS: The components of these products are listed in the TSCA Inventory.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product contains a chemical known in the State of California to cause cancer.

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: The components of this product are on the DSL Inventory, or are exempted from listing.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: Not Controlled as per the Controlled Product Regulations.

EUROPEAN ECONOMIC COMMUNITY INFORMATION:

SEE SECTION 2 FOR DETAILS

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: The components of this product are listed on the AICS or are exempt.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac: Listed or exempt

Australian Inventory of Chemical Substances (AICS): Listed or exempt

Korean Existing Chemicals List (ECL): Listed or exempt

Japanese Existing National Inventory of Chemical Substances (ENCS): Listed or exempt

Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed or exempt

Swiss Giftlist List of Toxic Substances: Listed or exempt

U.S. TSCA: Listed or exempt

16. OTHER INFORMATION

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in Section 1) and is not necessarily correct for use with other chemicals/products.

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.

INTERNATIONAL EMERGENCY NUMBER: 352-323-3500 - INFOTRAC