

MATERIAL SAFETY DATA SHEET
TH 6553

MANUFACTURER'S NAME:
Clifton Adhesive, Inc.
Burgess Place
Wayne, N.J. 07470

INFORMATION AND EMERGENCY
PHONE NUMBER: 973-694-0845

IN CASE OF SPILL OR LEAK INVOLVING
THIS MATERIAL-CALL CHEMTREC 24
HOURS A DAY AT 800-424-9300

DATE OF PREPARATION: 09-27-02

DOT NAME & NO.: FLAMMABLE
LIQUIDS, N.O.S.
(Acetone, Tetrahydrofuran
) , 3,
UN1993, II

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: TH 6553

HMIS RATINGS: H F R PP
2 3 0 B

SECTION II - HAZARDOUS INGREDIENTS

THE FOLLOWING * ARE REPORTABLE UNDER SARA TITLE III-SECTION 313:

TOP FIVE AND/OR

| HAZARDOUS INGREDIENTS: | CAS NUMBER | ACGIH TLV | OSHA PEL |
|------------------------|------------|-----------|----------|
| Acetone 21-26% | 67-64-1 | 750 | 750 |
| Tetrahydrofuran 75-80% | 109-99-9 | 200 | 200 |

** Above exposure limits are for air levels only. When skin contact occurs, overexposure may result though air levels are less than limits listed above.

SECTION III - PHYSICAL DATA

BOILING Point: 133 Deg F. VAPOR DENSITY: 2.00
VAPOR PRESSURE (mm Hg @ TEMP): 180.85 @ 20 deg C or 68 F.
SPECIFIC GRAVITY: 0.85 - 0.88 WEIGHT/GAL: 7.10 - 7.30
APPEARANCE AND ODOR: Clear liquid. Characteristic solvent odor.
VOLATILE ORGANIC COMPOUND #/GAL.: 7.21
VOLATILE ORGANIC COMPOUND KG/LITER: 0.87

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: <0 Deg. F. METHOD USED: T.C.C.
FLAMMABLE LIMITS IN AIR % LEL 2.0 UEL 12.8
AUTO IGNITION TEMPERATURE: 610 Deg. F.
EXTINGUISH MEDIA: Co 2, foam, dry chemical

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SPECIAL FIRE FIGHTING PROCEDURE:

NIOSH/MSHA -approved self-contained breathing apparatus should be worn. Use water spray to cool fire exposed structures and disperse vapor cloud if fire is not present.

UNUSUAL FIRE AND EXPLOSION HAZARD:

Vapor is heavier than air and may travel considerable distance to source of ignition and flashback.

SECTION V - REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID);

N/A

CONDITIONS TO AVOID:

Avoid heat, open flames, sparks, hot surfaces, and oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

ACUTE: Nausea and/or narcosis.

CHRONIC: May cause liver and kidney damage. Can damage nervous system. Weakness in hands and feet may occur.

TARGET ORGANS: Acetone, based on animal data, may cause eye or kidney damage.

THF-may cause liver or kidney abnormalities.

SIGNS AND SYMPTOMS OF EXPOSURE:

Irritation to eyes and mucous membranes. Dryness and cracking of skin.

Liquid ingestion may cause vomiting. Numbness, tingling and weakness of arms or legs.

CONDITIONS PRONE TO AGGREGATION BY EXPOSURE:

Respiratory ailments.

CARCINOGENICITY No

WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects and/or reproductive harm.

PRIMARY ROUTE(S) OF ENTRY: Inhalation, Eyes, Skin, Ingestion.

EMERGENCY AND FIRST AID PROCEDURES:

Utilize the suggested methods below. In emergency situations notify a physician immediately.

SKIN: Wash with soap and water. Get medical attention.

EYES: Flush eyes abundently with clean water and refer to physician.

INGESTION: DO NOT induce vomiting. Refer to physician.

EXCESSIVE INHALATION: Remove patient to fresh air or give oxygen. Use CPR if patient is not breathing. Refer to physician.

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SECTION VII - SPECIAL PRECAUTIONS

HANDLING & STORAGE:

Store in approved solvent storage area. Keep tightly closed. Keep away from heat open flames, sparks, hot surfaces and oxidizing agents.

OTHER PRECAUTIONS: N/A

SECTION VIII - SPILL OR LEAK PROCEDURES

FOR SPILLS OR RELEASED MATERIAL:

Absorb spill in sand, earth, vermiculite, Oil-Dri, or Sol-Speed-Dri. Shovel absorbed material into steel container and cover.

WASTE DISPOSAL METHOD:

Dispose of in accordance with federal, state, and local chemical and solvent waste disposal regulations.

SECTION IX - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:

Use NIOSH-approved atmosphere supplying or air purifying respirator for organic vapors as required to maintain exposure levels below recommended limits.

VENTILATION: As specified.

LOCAL EXHAUST: Remove vapors during processing.

MECHANICAL EXHAUST: Explosion-proof equipment.

SPECIAL: Reduce vapor concentrations below specified limits.

PROTECTIVE GLOVES: PVA gloves

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE EQUIPMENT:

Protective clothing as required to prevent skin contact.

HYGIENIC PRACTICES:

Keep area clean. Clean up spills immediately. Practice good personal hygiene.

DISCLAIMER LIABILITY: Since conditions or methods of use are beyond our control - we do not assume any responsibility and expressly disclaim any liability for any use of this product. The information contained in this MSDS is believed to be true and accurate but all statements or suggestions are made without warranty - express or implied regarding the accuracy of the information - the hazards connected with the use of the product or the results to be obtained from the use thereof. Compliance with all federal state and local laws and regulations remains the responsibility of the user.

USER'S RESPONSIBILITY: This MSDS cannot cover all possible situations which the user may experience during processing. You should examine each aspect

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of your operation and determine if additional precautions should be taken. All health and safety information contained in this MSDS should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee training programs for your operation.