

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Tackyfier
Product Number: 4109
Chemical Name: Ethyl Acetate
Chemical Family: Solvent Blend
CAS Number: Blend

Company Identification

Nobilium, Div.of CMP Industries LLC
413 North Pearl St
Albany, NY 12207-1311 USA
(518)-434-3147 (For product information)

Distributor

Ultimate Dental Supplies
660A South Rd
MOORABBIN VIC 3189
03 9532 1799 info@ultimatedental.com.au
13 11 26 (poisons hotline 24/7)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING: Highly flammable liquid and vapor. Can cause serious eye irritation. Vapors can cause drowsiness and dizziness.



GHS Classification:

Flammable liquid Category 2
Serious Eye Damage/Eye Irritation - Category 2
Target Organ Systemic Toxicity-Single Exposure Category 3

GHS Hazard Symbols:

Flammable, Irritant



P210 - Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

EYE:

Can causes eye irritation, redness and tearing.

SKIN:

Moderate irritation and sensitization(in susceptible individuals).

INHALATION:

Excessive inhalation of vapors can cause nasal and respiratory irritation. May also cause central nervous system effects such as dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.

INGESTION:

Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

SIGNS AND SYMPTOMS OF EXPOSURE:

Signs of prolonged exposure will cause nausea, headache, drowsiness and unconsciousness.

CHRONIC EFFECTS:

Overexposure to this material and it's components have been suggested as a cause of the following effects in humans: liver abnormalities, kidney damage and irreversible eye damage.

REPRODUCTIVE HAZARDS:

None.

CARCINOGENICITY INFORMATION:

No known cancer hazards.

MEDICAL CONDITIONS AGRAVATED BY EXPOSURE:

Individuals with pre-existing skin disorders may be more susceptible to severe irritation and possible sensitization.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains materials that are acute, chronic, fire hazards.

| Chemical Name | Amount | CAS Number |
|-----------------|--------|------------|
| ETHYL ACETATE | 85.0 % | 141-78-6 |
| STABELITE ESTER | 6.0 % | 65997-13-9 |

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Contact a physician.



SKIN CONTACT FIRST AID:

Immediately wash skin with plenty of soap and water while removing contaminated clothing and shoes. Get medical attention if irritation persists.

INHALATION FIRST AID:

If breathing is difficult, remove to fresh air and have qualified personnel provide oxygen. If not breathing, give artificial respiration. Keep victim warm and quiet. Seek medical attention.

INGESTION FIRST AID:

If swallowed, immediately give 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Contact a physician immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: -4 C (24.8 F)

Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA:

Carbon dioxide, dry chemical and water spray.

FIRE & EXPLOSION HAZARDS:

Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

FIRE FIGHTING INSTRUCTIONS:

Wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full facepiece with protective gear.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment.

LARGE SPILLS PROCEDURE:

Eliminate all ignition sources (flares, flames, including pilot lights and electrical sparks). Anyone without protective gear should be restricted from area of spill until completely clean. Stop spill at source, dike area to prevent spreading, pump liquid to salvage tank. Remaining liquid should be taken up on sand, earth, clay or floor absorbent and shoveled into containers. Prevent run off to sewers, streams and other bodies of water. If run off occurs, notify proper authorities of the spill.

CAUTION: Keep spills and cleaning run off out of municipal sewers and open bodies of water. Spills on porous surfaces can contaminate ground water



7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Containers of this material may be hazardous when emptied, since emptied containers retain product residues. All hazard precautions given in this data sheet must be observed.

HANDLING (PHYSICAL ASPECTS):

Store in a cool dry area.

STORAGE PRECAUTIONS:

Store in a cool dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

If user operations generate fumes, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

EYE / FACE PROTECTION REQUIREMENTS:

Chemical goggles are recommended to avoid contact with eyes.

SKIN PROTECTION REQUIREMENTS:

Wear neoprene gloves to minimize skin contamination.

RESPIRATORY PROTECTION REQUIREMENTS:

When there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection.

MISCELLANEOUS:

Wear impervious clothing and boots to prevent repeated and prolonged skin contact.

EXPOSURE GUIDELINES:

ETHYL ACETATE

OSHA PEL: 400 ppm, 1400 mg/m³

OSHA TWA: 400 ppm, 1400 mg/m³

STABELITE ESTER

OSHA PEL: 5 mg/m³

OSHA TWA: 10 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------|-----------|
| FORM: | Liquid |
| COLOR: | Colorless |
| ODOR: | Fragrant |
| BOILING POINT: | 161 F |
| VAPOR PRESSURE: | 73 mm Hg |



10. STABILITY AND REACTIVITY

STABILITY:

Stable.

POLYMERIZATION:

Product will not undergo polymerization.

INCOMPATIBILITY WITH OTHER MATERIALS:

May react with oxidizing agents.

DECOMPOSITION:

Not determined.

11. TOXICOLOGICAL INFORMATION

CHRONIC EFFECTS /:

May cause respiratory disease.

ETHYL ACETATE

Test Code: Oral LD50

Species: Rat

Results: 5620 mg/kg

Test Code: Acute Oral Toxicity

Description: Mutagenicity

Species: S, Cerevisiae

Results: 24,400 ppm resulted in sex change in chromosome loss with nondisjunction.

Test Code: TCLO

Description: Inhalation

Species: Human

Results: 400 ppm caused conjunctival irritation and lung or respiratory changes.

STABELITE ESTER

Test Code: Oral LD50

Species: Guinea Pigs

Results: 20+ g/kg

Test Code: LC50

Description: Inhalation

Species: Rat

Results: 200 g/m³ caused somnolence, acute pulmonary edema and changes in structure or function of salivary glands.

Test Code: Oral LD50

Species: Rat

Results: 1.5 mg/L for 6 hours showed no adverse effects.



ETHYL ACETATE

Test Code: LC50
Species: Fathead Minnow (Pimephalis Promelas)
Results: 230 mg/L/96 hr

Test Code: LC50
Species: Indian Catfish (Heteropneustes Fossilis)
Results: 212.5 ppm/96 hr

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. TRANSPORT INFORMATION

| | |
|--------------------------|-------------------------------|
| PRODUCT LABEL: | Tackyfier |
| D.O.T. SHIPPING NAME: | Etyl Acetate flammable liquid |
| TECHNICAL SHIPPING NAME: | N/A |
| D.O.T. HAZARD CLASS: | Flammable Liquid |
| UN NUMBER: | 1173 |

15. REGULATORY INFORMATION

REGULATORY LISTS SEARCHED:

| | |
|---------------------|------------------------|
| 01 = SARA 313 | 02 = CA Proposition 65 |
| 03 = SARA 302/304 | 04 = CERCLA 302.4 |
| 05 = ACGIH TWA | 06 = ACGIH STEL |
| 07 = ACGIH CALC TLV | 08 = OSHA PEL |
| 09 = CANADIAN WHMIS | 10 = OSHA Ceiling |

EEC Symbols and Indications of Danger:

Highly Flammable (F), Harmful (Xn), Irritant (Xi)



R-Phrases:

R10 - Flammable.

R36/37/38 - Irritating to eyes, respiratory system, and skin.

S-Phrases:

S24/25 - Avoid contact with skin and eyes.

S28 - After contact with skin, wash immediately with plenty of soap and water.

S15 - Keep away from heat.



WHMIS Hazard Symbols:

Class D2 - Materials Causing Other Toxic Effects



Canadian Disclosure List

ETHYL ACETATE (141-78-6)

CERCLA Hazardous Substances

ETHYL ACETATE (141-78-6) -- RQ 5000 lb

RCRA Hazardous Substances

ETHYL ACETATE (141-78-6) -- RCRA Code: U112

16. OTHER INFORMATION

PREPARED BY: John Nicpon
APPROVED BY: John Nicpon
TITLE: Quality Manager
APPROVAL DATE: April 3, 2015
SUPERCEDES DATE: November 4, 2013
RTN NUMBER: 00000188 (Official Copy)

HMIS Rating:

Health - 2
Flammability - 3
Reactivity - 0
Personal Protection Index - G

ABBREVIATIONS USED IN THIS MSDS:

| | |
|----------------------------------|--|
| TLV - THRESHOLD LIMIT VALUE | TWA - Time Weighted Average |
| STEL - SHORT TERM EXPOSURE LIMIT | TPQ - Threshold Planning Quantity |
| RQ - REPORTABLE QUANTITY | PEL - Permissible Exposure Limit |
| C - CEILING LIMIT | CAS - Chemical Abstract Service Number |
| NDA - NO DATA AVAILABLE | N/A - Not Applicable or Not Available |

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END OF SAFETY DATA SHEET

