

Safety Data Sheet

Revision Date: 6/29/2023

1. Product and Company Identification

Product Name: Replicating Tape

Product Catalog Number(s): 12010, 12015, 12020

Identified Uses: Laboratory use. Manufacture of substances.

Supplier of the Safety Data Sheet:

Ladd Research

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Essex Junction, VT 05452 USA

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2. Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Health Hazards None with normal use.

Hazards other than mentioned above – No data available

GHS Label elements, including precautionary statements

Symbols No signal word. No pictogram.

Hazards not otherwise classified or not covered by GHS

Not applicable

3. Composition/Information on Ingredients

Synonyms: Cellulose diacetate

Formula: - Not determined

Molecular Weight: - Not determined

Components	Classification	Concentration
Cellulose diacetate	-	>99%

4. First Aid Measures

If inhaled: Not applicable.

In case of skin contact: No adverse effects anticipated.

In case of eye contact: No adverse effects anticipated.

If swallowed: No adverse effects anticipated.

No adverse effects expected on prolonged exposure.

5. Firefighting Measures

Extinguishing Media: Foam, Carbon dioxide. Dry chemical powder. Dry sand.

Specific Fire Fighting Measures: As with any fire, use self-contained breathing apparatus in presence of smoke and/or fumes.

Special Hazards arising from the substance or mixture: No data available.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Loose waste and scrap material should be swept up for safe disposal.

Environmental precautions: Do not release into the environment.

Methods and materials for containment and cleaning up: For small spills, collect into an empty container which can be sealed after absorbing with absorbent material, dry sand, etc.

For Disposal see section 13

7. Handling and Storage

Precautions for safe handling: No special precautions for safe handling.

Conditions for safe storage, including any incompatibilities: Please see Section 10 – Stability and Reactivity.

8. Exposure Controls / Personal Protection

Engineering Controls: None necessary.

Eye/Face Protection: None necessary.

Skin Protection: None necessary.

Body Protection: None necessary.

Respiratory Protection: None necessary.

9. Physical and Chemical Properties

Appearance: Flat sheets or rolled film

Odor: Nearly odorless

Solubility in Water: Insoluble

Equilibrium Water Content: Circa 2% (in air @ 23°C, RH 50%)

10. Stability and Reactivity

Thermal Stability: Decomposes circa 250°C

Solvent Resistance: Low resistance to ketones and esters. Attacked by moderate to concentrated strong acids and bases. Resistant to non-polar solvents.

11. Toxicological Information

Acute Toxicity: None found

Skin Corrosion/Irritation: No adverse effects anticipated.

Eye Damage/Eye Irritation: Only normal discomfort resulting from foreign solids in the eye.

Respiratory or Skin Sensitization: Not applicable.

Carcinogenicity

IARC: No data available

NTP: No data available

OSHA: No data available

Reproductive Toxicity: No data available

Specific Target Organ Toxicity – Single Exposure: No data available

Specific Target Organ Toxicity – Repeated Exposure: No data available

Aspiration Hazard: No data available

12. Ecological Information

Toxicity: No data available

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects:

13. Disposal Considerations

Waste Treatment Methods

Product: Can be recycled, incinerated or land filled. There are no known dangers resulting from these methods of disposal.

Contaminated Packaging: If possible, clean and recycle. Or perform suitable processing in accordance with regulations. Remove residual contents completely before an empty container is discarded.

14. Transport Information

DOT (US)

Not Regulated

IMDG

Not Regulated

IATA

Not Regulated

15. Regulatory Information

TSCA – The ingredient in this product is listed on the TSCA inventory.

California Prop. 65 Components:

None

16. Other Information

This material complies with US FDA Regulations as set out in CFR 21, parts 170-199. It also complies with EC Directives 90/128/##C, 92/39/ECC, 93/9/EEC, 95/3/EEC and 96/11/EEC and are classified as being suitable for food contact applications.

No heavy metals are used in the manufacture of this product. The film complies with U.S.- CONEG legislation and European Standard EN71-3, the Packaging (Essential Requirements) Regulations (1988).

The information presented is believed to be correct and is the most accurate information available to us at this time. However, Ladd Research makes no warranty, express or implied, and assumes no liability for this information and the product described herein.