



## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** DE-7/56 FR MARFIM

**Chemical formula:** PVC- (polyvinyl chloride) based compound

**Use/Product application:** Wire and Cable Insulation.

**Manufacturer:** DACARTO BENVIC LTDA.

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### 2. COMPOSITON/INFORMATION ON THE INGREDIENTS

**Components:** PVC Resin, Additive and Lead-based (Pb) Stabilizing Agent.

**Common/generic chemical name:** PVC compound.

**Registration number in the Chemical Abstracts Service (CAS No.):**

Polyvinyl Chloride (CAS No. 9002-86-2)

Lead-based stabilizing agent (CAS No. 17976-43-1) Concentration: (< 4.0 - ≥ 0.4) %

Antimony trioxide (CAS No. 1309-64-4) Concentration: (< 3.5 - ≥ 0.3) %

**Chemical nature:** PVC-based compound.

### 3. HAZARD IDENTIFICATION

**Adverse effects to health:**

- Skin contact: Does not irritate skin.
- Ingestion: Physiologically inert.
- Eye contact: Mechanical irritation.

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#### 4. FIRST AID MEASURES

**Eye contact:** Remove product from the eyes.

#### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

In case of fire in close proximity, all means of extinguishing are acceptable.

**Specific hazards:**

Strong energy source necessary for ignition.

Formation of hydrochloric acid during combustion.

Only people informed on the hazards of PVC compounds must intervene.

Use protective clothing resistant to chemical agents.

Clean the equipment after putting out the fire.

Keep the area ventilated and clean before allowing re-entry.

**Special equipment for firemen protection:**

Use independent breathing protection when intervening close or inside confined places.

#### 6. CONTROL MEASURES FOR SPILLAGE OR LEAKAGE

**Method of removal and cleaning:**

Collect the product with help of mechanical means. Observe the conformity to local legal requirements for the disposal of the material recovered.

**Disposal:**

Place it in an appropriate area, according to the regulations in force.

**Prevention of secondary hazards:**

Packages must not be reused. Packages must be disposed of properly.

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## 7. HANDLING AND STORAGE

### Preventing worker's exposure:

Eye contact: Use safety goggles.

### Storage conditions:

Store in a clean and ventilated place, protected against humidity. Keep packaging closed.

## 8. EXPOSURE CONTROLS/INDIVIDUAL PROTECTION

### Proper individual protection:

Eye protection – Safety goggles, if appropriate.

Skin and body protection – Proper clothing

Hygienic measures – Consult the Safety Engineer or Safety Technician for selection of the individual safety equipment adequate to the working conditions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Solid

**Form:** Granulated

**Odor:** Odorless (Typical)

**Specific gravity:** From 1.15 to 1.65 g/cm<sup>3</sup>

**Solubility:** Insoluble in water

Soluble in Ketones, Tetrahydrofuran

## 10. STABILITY AND REACTIVITY

**Instability:** Avoid temperatures above 200°C (Releases acid gas).

**Hazardous products from decomposition:** Hydrochloric acid, Carbon monoxide, Lead oxide.

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4/5**11. TOXICOLOGICAL INFORMATION**

**Eye contact:** Mechanical irritation due to product particles.

**Ingestion:** There is no known case of intoxication.

**12. ECOLOGICAL INFORMATION**

Not applicable.

**13. CONSIDERATIONS ON HANDLING AND DISPOSAL****Product residue:**

Do not dispose of in the public drain network or together with home garbage. Dispose of properly according to local legislation. Recycling is a proper method of disposal.

**Used packaging:**

Used packaging must not be reused. The packages must be disposed of properly according to local legislation.

**14. TRANSPORT INFORMATION**

The characteristics of the product do not correspond to the official parameters that define hazardous products for transporting purpose.

**15. REGULATORY INFORMATION**

The use of label with information on risks and safety does not apply to this product, object of the MSDS.

It is recommended to take into consideration other international measures or provisions of possible application.



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### 16. OTHER INFORMATION

The information and recommendations presented in this document represent the present knowledge of Dacarto Benvic for the appropriate handling of this product, under normal conditions. They do not constitute specifications of product quality and are only intended to provide general orientation on precautions and safety in the use of the product. Any application of the product involving combined use with other products or processes is of the responsibility of the user.