

COMAN I

SECTION I - MATERIAL IDENTIFICATION AND USE

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|--|----------------------------------|--------------------------|-----------|--------------------|
| Material name / Identifier: | | COMAN | Compound: | CI 0785 B6 |
| Manufacturer's name: | | COMAN INTERNATIONAL INC. | | |
| Supplier's name: | | COMAN INTERNATIONAL INC. | | |
| Address: 719 Meloche Ave, Dorval, Quebec H9P 2S4 | | | | |
| Phone: (514)469-9696 | | | | Fax: (514)469-9695 |
| Chemical Name: | Chemical Family: | Chemical Formula: | | |
| | Polyvinyl Chloride based plastic | | | |
| Molecular weight: | Trade Name and Synonyms: | Material Use: | | |
| N.A. | COMAN | Thermoplastic | | |

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

| Hazardous Ingredients | Approximate Concentration % | C.A.S., N.A. or U.N. Numbers | Exposure limits | LD50 / LC50 Specify Species + Route |
|--|-----------------------------|------------------------------|-----------------|-------------------------------------|
| NONE Not a WHMIS controlled product | | | | |

SECTION III - PHYSICAL DATA FOR MATERIAL

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|--|--|---------------------|---------------------------|--|
| Physical State Gas Gas Liquid Solid <input checked="" type="checkbox"/> | Odour and Appearance: Pellets or Powder | | Odour Treshold (ppm) N.A. | Specific Gravity: N.A. |
| Vapour Pressure (mm) N.A. | Vapour Density (Air=1) N.A. | Evaporation Rate: 0 | Boiling Point (oC) N.A. | Freezing Point (oC) N.A. |
| Solubility in water 20oC: 0 | % Volatile (by volume): 0 | pH N.A. | Density (g/ml) N.A. | Coefficient of water/oil distribution : N.A. |

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

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| Flammability | YES | NO | <input checked="" type="checkbox"/> | If yes under which conditions: |
| Means of Extinction: Fog, Dry Chemical, Carbon Dioxide, Halon | | | | |
| Special Procedures: Wear self-contained breathing apparatus, full protective clothing and gloves. Provide ventilation. In case of major fire (warehouse, etc.) consider evacuation of the surroundings. | | | | |
| Flashpoint (oC) method: N.A. | Upper explosion limit (% by volume) N.A. | | Lower explosion limit (% by volume) N.A. | |
| Auto Ignition N.A. | TDG Flammability Classification: N.A. | | Hazardous Combustion Products: Hydrogen Chloride, CO, CO2 | |
| Explosion Date, Sensitivity to chemical Impact: N.A. | Rate of burning N.A. | Explosive Power N.A. | Sensitivity to Static Discharge: N.A. | |

COMAN II

SECTION V - REACTIVITY DATA

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|--|-----|----|-------------------------------------|--------------------------------|
| Chemical Stability | Yes | No | <input checked="" type="checkbox"/> | If no, under which conditions? |
| Incompatibility to other substances | Yes | No | <input checked="" type="checkbox"/> | If so, which ones? |
| Reactivity and under what conditions: N.A. | | | | |
| Hazardous Decomposition Products: Heating and/or burning causes the release of irritating and corrosive hydrogen chloride gas which, in presence of water, forms hydrochloric acid (HCL) | | | | |

SECTION VI -- TOXICOLOGICAL PROPERTIES OF PRODUCT

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| Route of Entry: | <input checked="" type="checkbox"/> Skin Contact | <input checked="" type="checkbox"/> Skin Absorption | <input checked="" type="checkbox"/> Eye contact |
| | <input checked="" type="checkbox"/> Inhalation Acute | <input checked="" type="checkbox"/> Inhalation Chronic | <input checked="" type="checkbox"/> Ingestion |
| Effects of Acute Exposure to Product Not acutely toxic at room temperature. However vapors produced during the melt processing and the dust may produce acute heat effects, especially irritation of the eyes, nose and throat, and in cases of severe overexposure, nausea and headache. | | | |
| Effects of Chronic Exposure to Product: N.A. | | | |
| LD50 of Product (Specify species and route) N.A. | Irritancy of Product N.A. | Exposure limits of Product N.A. | |
| LC50 of Product (Specify species) N.A. | Sensitization to Product: N.A. | Synergistic materials: N.A. | |
| Carcinogenicity | Reproductive effects | Teratogenicity | Mutagenicity |

SECTION VII -- PREVENTIVE MEASURE

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| Personal Protective Equipment | | | |
| Gloves (specify) for hot material | Respiratory (specify) Wear a dust mask in dusty conditions | Eye (specify) Splash Goggles | Footwear (specify) N.A. |
| Clothing (specify) Ordinary work clothes | Other (specify) Organic vapor mask during heat processing only needed in poorly ventilated conditions. | | |
| Engineering Controls Required: (e.g. ventilation, enclosed process, specify) Local exhaust ventilation sufficient to control dust (in the case of the powdered compound) and vapors (during the heat processing). | | | |
| Leak and Spill Procedure: Sweep up and reuse if possible | | | |
| Waste disposal: | | | |

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| Landfill waste material if codes permit, incinerate if codes and equipment permit. |
| Handling procedures and equipment: Gaseous emission from vents of processing equipment should not be discharge into the work area. |
| Storage requirements: Store away from excessive heat. |
| Special shipping information: N.A. |

COMAN III

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| SECTION VIII - FIRST AID MEASURES | |
| Skin: | Not acutely toxic. Skin contact with molten plastic: Do not touch while molten. Cool rapidly with cold water, obtain medical attention to burn. |
| Eye: | Not acutely toxic. Seek medical attention if splash of molten plastic in the eyes. |
| Inhalation: | Vapors (during the heat processing) and dust may produced acute effects, especially irritation of the eyes, nose and throat, and in cases of severe overexposure, nausea and headache. In case of persistent discomfort, remove from exposure and seek medical attention. |
| Ingestion: | Not acutely toxic. Not a probable route of exposure. |
| General advise: | N.A. N.A. |

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| SECTION IX - INFORMATION ON THE PREPARATION OF THIS MSDS | |
| To the best of COMAN INTERNATIONAL knowledge, the above information is accurate as of the date of preparation of this MSDS. However, since the conditions of use of the product are not within the control of COMAN INTERNATIONAL, it is the user's to determinate the condition of sale use of the product. | |
| Sources used: | Suppliers MSDS. Répertoire toxicologique of the CSST Quebec. Emergency action guide for fires in plastics storage (SPI Canada). Règlement sur les produits contrôlés: Canada Gazette PartII, Vol. 122, no 2. |
| Prepared by: | Phone Number |
| COMAN INTERNATIONAL INC. | (514) 469-9696 |
| EMERGENCY PHONE NO. | (514) 886-6359 |
| Revised date: | Nov-17 |

COMAN IV

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| <p>Aigüe: L'inhalation peut causer l'irritation des voies respiratoires.</p> <p>Eviter de respirer les vapeurs en phase de fusion. Eviter le contact avec la peau, les yeux en phase de fusion.</p> <p>Si contact avec les yeux, la peau (phase fusion) refroidir avec de l'eau, contacter un médecin. Inhalation, transporter à l'air frais, contacter un médecin.</p> <p>Lire la fiche signalétique avant d'utiliser ce produit.</p> | <p>Acute: Inhalation may cause irritation of the respiratory tract.</p> <p>Avoid to breath vapors during the heat processing. Avoid contact with skin and eyes with molten plastic.</p> <p>If eyes and skin contact during that processing, cool with cold water, get medical attention. Inhalation, remove to fresh air, get medical attention.</p> <p>Read the MSDS before using the product.</p> |
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