

COMAN I

SECTION I - MATERIAL IDENTIFICATION AND USE

Material name / Identifier:		COMAN I	Compound:	CI 0795 B \ CI 0797 T4
Manufacturer's name:		COMAN INTERNATIONAL INC.		
Supplier's name:		COMAN INTERNATIONAL INC.		
Address: 719 Meloche Ave, Dorval, Quebec H9P 2S4				
Phone: (514)469-9696				
Chemical Name:		Chemical Family:	Fax: (514)469-9695	
		Polyvinyl Chloride based plastic	Chemical Formula:	
Molecular weight:	N.A.	Trade Name and Synonyms:	COMAN	Material Use: 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
DOP or DI (2-Ethyl Hexyl) Phthalate WHMIS Class: D2A	15-45	C.A.S.: 117817	5.0 mg/m3 (ACGIH, TWA) 10 mg/m3 (ACGIH, STEL)	LD50 (Rats, Oral) 31g/kg

SECTION III - PHYSICAL DATA FOR MATERIAL

Physical State Gas Liquid Solid <input checked="" type="checkbox"/>	Odour and Appearance: Pellets or Powder		Odour Threshold (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

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	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

Chemical Stability	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	If no, under which conditions?
Incompatibility to other substances	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	If so, which ones?
Reactivity and under what conditions: N.A.					
Hazardous Decomposition Products: Extreme 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

Route of Entry:	<input checked="" type="checkbox"/> Skin Contact	<input checked="" type="checkbox"/> Inhalation Acute	<input checked="" type="checkbox"/> Skin Absorption	<input checked="" type="checkbox"/> Inhalation Chronic	<input type="checkbox"/> Eye contact	<input type="checkbox"/> Ingestion
Effects of Acute Exposure to Product DOP: Inhalation may cause irritation of the respiratory tract.						
Effects of Chronic Exposure to Product DOP: 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			
DOP is a suspected carcinogen (evidence from rats and mice studies only)						

SECTION VII -- PREVENTIVE MEASURE

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)		
Engineering Controls Required: (e.g. ventilation, enclosed process, specify) Local exhaust ventilation sufficient of 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: 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

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.

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: COMAN INTERNATIONAL INC.	Phone Number (514) 469-9696	Revised date: 11/11/2017
EMERGENCY PHONE NO.	COMAN During office hours	(514)886-6359 (514)469-9696

COMAN IV

<p>Aiguë: L'inhalation peut causer l'irritation des voies respiratoires. (DOP)</p> <p>Éviter de respirer les vapeurs en phase de fusion. Éviter 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. (DOP)</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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COMAN INTERNATIONAL INC.
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Dorval, Quebec H9P 2S4
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