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## SAFETY DATA SHEET

Product : **382 Nestor Ramie packing**

Date Prepared : July 10th, 2017

### Section 1 - Product and Company Identification

Product Name/Identifier : 382 Nestor Ramie packing  
Other name / Synonym :  
Company Information : Robco Inc.  
Address : 7200 St.Patrick, LaSalle QC Canada H8N 2W7  
Telephone : 514-367-2252  
Email : info@robco.com  
Website : www.robco.com

### Section 2 - Hazards identification

#### CLASSIFICATION OF THE PRODUCT

Product is not classified as dangerous according to guideline 199/45/EG or regulation EC/1272/2008

#### LABELS ELEMENTS

Labelling according to EC/1272/2008 (substances)and 1999/45/EC (preparations)

#### GENERAL INFORMATION

Low risk: Product can only form ignitable mixtures or burn if it is heated or exposed to open flame at temperatures above the flash point.

#### OVERHEATING

Prevent overheating above 200°C (400°F)

#### FIRE HAZARD

Toxic gases are produced during burning (see section 10)

#### SPARKING

No risk of electrostatic charging

#### DANGER OF SLIPPING

Danger of slipping.

### Section 3 - Composition/information on ingredients

#### CHEMICAL CHARACTERIZATION

Flexible laminate of following composition:

Laminate	Remarks	CAS-No	Amount	Classification according EC/1272/2008	
				Hazard classes/categories	Hazard Statement
None				---	---

**FORM** : Solid, flexible  
**COLOUR** : Off-white braided rope  
**ODOUR** : No odor  
**HAZARDOUS INGREDIENTS** : None

### Section 4 - First aid measures

#### INHALATION

Inhalation of fumes if product exposed to extreme temperatures: Remove patient from exposure, keep warm and at rest. Use suitable respiratory protection measures. If breathing is irregular or if it has stopped, proceed with artificial respiration. Obtain medical attention.

#### EYE CONTACT

This product is an inert solid. In case particles come into the eye, remove by irrigating with eye wash solution or clean water, holding the eyelids apart. Obtain medical attention.

#### SKIN CONTACT

With hot product: Cool the affected areas with plenty of cold water. Cover with a clean cloth or sterile gauze and call for medical help. Do not try to remove the product from the skin or remove soiled clothing as this may cause the injured skin tissue to be torn off.

#### INGESTION

First aid is normally not necessary.

#### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

None known

#### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

in case of unconsciousness: emergency call

### Section 5 - Firefighting measures

#### EXTINGUISHING MEDIA

Water  
Foam  
Dry powder  
Carbon dioxide

#### SPECIAL HAZARDS ARISING FROM THE PRODUCT

Combustion or thermal decomposition will involve toxic and corrosive vapours:  
Carbon monoxide (CO)

#### ADVICE FOR FIREFIGHTERS

In the presence of combustion or carbonisation gases, any fire fighting, rescue and clearing up activities should be undertaken only with heavy-duty respiratory and eye protection equipment (see also sections 3,8 and 10).

### Section 6 - Accidental release measures

#### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

No special measures required. Suggesting wearing gloves during handling  
Seek expert advice when disposing of collected material.  
Caution when running over films on the floor. Danger of slipping.

#### ENVIRONMENTAL PRECAUTIONS

Observe to the legal requirements for waste disposal

#### METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Collect the product in suitable containers and either recycle or dispose of.

#### REFERENCE TO OTHER SECTIONS

see also section 3, 8, 10

### Section 7 - Handling and storage

#### PRECAUTIONS FOR SAFE HANDLING

General Hygienic Measures

#### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

#### TECHNICAL MEASURES AND STORAGE CONDITIONS

**RISK OF ELECTROSTATIC CHARGING :** Taking measures against  
**HANDLING :**

Avoid contact with naked flames and hot surfaces as irritant and toxic decomposition products can be formed.

**SAFE STORAGE:**

Storage on pallets in dry, enclosed rooms with solid foundation. Stack products in cardboard boxes up to a maximum height of

#### FURTHER INFORMATION ON STORAGE CONDITIONS

**STORAGE TEMPERATURE :** Ambient temperature

**STORAGE AND TRANSPORT PRESSURE :** Atmospheric

#### SPECIFIC END USES

**TRANSPORT TEMPERATURE :**

Ambient temperature, no special requirement for cold weather

**LOADING AND UNLOADING TEMPERATURE :** Ambient temperature

**NORMAL FORM OF TRANSPORTATION :** Pallets or goods wagons

### Section 8 - Exposure controls/personal protection

**EXPOSURE CONTROLS :** None

#### PERSONAL PROTECTION EQUIPMENT

Wear glove during manipulation materials lubricated. If contact with hot material is possible, wear heat proof clothes, arm and face shields.

#### HYGIENE MEASURES

With sufficient ventilation on the working area and correct handling and processing no health risks are to be expected.

**Section 9 - Physical and chemical properties****INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

These are just recommended reference values. Please take the technical product specification into consideration

PROPERTY	VALUES
Form	solid
Colour	White braided rope
Odeur	no odor
pH	not applicable
Melting/freezing point	+327 / -260
Boiling point / range	not applicable
Flash point	not applicable
Evaporation rate	not applicable
Ignition point	not applicable
Explosion limit (lower/upper)	not applicable
Vapour pressure	not applicable
Density	1,6
Water solubility	insoluble
Partition coefficient (n-Octanol / Water)	not applicable
Self ignition temperature	not applicable
decomposition temperature	not applicable
Viscosity	not applicable
Explosive characteristics	not applicable
Oxidising characteristics	not applicable
<b>OTHER INFORMATIONS</b>	
PROPERTY	
hygroscopic characteristics	not applicable
molecular weight	3.000 - 50.000

**Section 10 - Stability and reactivity****REACTIVITY**

Product is not reactive under normal condition.

**CHEMICAL STABILITY**

Stable under normal conditions

**POSSIBILITY OF HAZARDOUS REACTIONS**

No hazardous reactions are expected

**CONDITION TO AVOID**

Temperatures above 200°C

**INCOMPATIBLE MATERIALS**

Do not bring into contact with: molten alkali metals, halogen compounds over 370°C

**HAZARDOUS DECOMPOSITION PRODUCTS**

Thermal decomposition products are toxic and corrosive:  
carbon monoxide

Reduced oxygen supply can cause the development of carbon monoxide and irritant smoke.

**Section 11 - Toxicological Information****INFORMATION ON TOXICOLOGICAL EFFECTS**

According to present experience, the material is physiologically compatible. According to present experience, the material is neither mutagenic, cancerogenic nor teratogenic.

**Acute toxicity :**

The LD50 (oral, rat) was estimated to be 5 g/kg. This is a very low toxicity.

**skin irritation :** None

**Irritation/damage to eyes :** Particle can damage the conjunctiva and cause irritation.

**Sensitisation of the respiratory / skin :**

Low health risk under normal conditions. Contact with hot product may cause thermal burns.

**Acterical count – mutagenicity :** not tested

**Carcinogenity :** Not tested

**Reproductive toxicity :** Not tested

**Specific toxicity by one way exposure :**

because of the reaction inertness in a single exposure no toxic effect will be expected.

**Specific toxicity by repeated exposure :**

long or frequent skin contact causes no extraordinary cutaneous reaction. effects from exposure to dusts or fumes over long periods have not been studied.

**Hazard of aspiration :**

low health risk under normal conditions. fumes and/or aerosols can be generated at high temperatures, which can irritate eyes and air-passages.

**Section 12 - Ecological information**

**TOXICITY** : No data available

**PERSISTENCE AND DEGRADABILITY** :

Product is insoluble in water and not biodegradable

**BIOACCUMULATIVE POTENTIAL** : No data available

**MOBILITY IN SOIL** : No data available

**RESULTS OF PBT AND vPvB ASSESSEMENT** : see point 2

**OTHER ADVERSE EFFECTS** : see point 2

**GENERAL INFORMATION** : The material has no harmful effect on the environment

**WATER HAZARD CLASS** :

o (self estimation) Oxygen required lies under the detection limit of 50 mg/l.

**Section 13 - Disposal considerations****WASTE TREATMENT METHODS**

**PRODUCT** : In accordance with the necessary technical and local regulations may be dumped with household waste without harmful effects to the environment.

**RECYCLING** : Recycling is not possible, except for larger, virgin grade sheet material.

**Section 14 - Transport information****UN-NUMBER**

GGVS I GGVE : non-hazardous material

ADR I RID : non-hazardous material

**TRANSPORT HAZARD CLASS(ES)** : None

**ENVIRONMENTAL HAZARDS**

GGVS/GGVE : non-hazardous material

ADR I RID : non-hazardous material

ICAO-TI I IATA-DGR : non-hazardous material

ADN/ADNR : non-hazardous material

**SPECIAL PRECAUTIONS FOR USER** : see section 6 – 8

**TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE** :

Shipment and delivery only by legal and proper packing

Proper shipping name : not classified



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### Section 15 - Regulatory information

**SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS | LEGISLATION SPECIFIC FOR THE PRODUCT : N/A**

#### **CHEMICAL SAFETY ASSESSMENT**

WATER HAZARD CLASS (WHC) : 0

OTHER REGULATIONS : not applicable

### Section 16 - Other information

Changes of this version

#### Disclaimer :

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, storage, transportation and release and is not considered a warranty or quality specification. The responsibility for the compliance with existing law and regulations lies with the receiver of the product.