

SAFETY DATA SHEET

Product : Robco 7171-R, 7320-Grey, 7320-R Cloth

Date Prepared : May 10th, 2017

Section 1 - Product and Company Identification

Product Name/Identifier : Robco 7171-R, 7320-Grey, 7320-R Cloth

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

GHS Classification

Skin irritation: Category 2

Eye irritation: Category 2A

GHS label elements

Hazard pictograms:



Signal Word: Warning

Hazard Statements:

Causes skin irritation. Causes serious eye irritation.

Precautionary Statements:

Prevention:

Wash skin thoroughly after handling.

Wear eye protection/ face protection.

Wear protective gloves.

Response:

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation occurs: Get medical advice/ attention.

If eye irritation persists: Get medical advice/ attention.

Take off contaminated clothing and wash before reuse.

Other hazards

As manufactured fiberglass surface tissue are non-respirable.

May cause temporary skin and mucous membranes itching due to mechanical abrasion

effect of fibers. Under normal conditions of use, this product may release dust and non-respirable fibers.

This product may release very small amount of respirable particulate under extreme process conditions.

Section 3 - Composition/information on ingredients

Substance / Mixture: Mixture/manufactured article

Hazardous components:

Chemical name	CAS-No.	Classification	Concentration (%)
FIBERGLASS	65997-17-3	Skin Irrit. 2; H315 Eye Irrit. 2A; H319	72.00
SILICA COLLOIDAL	112926-00-8	Not a hazardous substance or mixture.	28.00

Section 4 - First aid measures

General advice:

No hazards which require special first aid measures.

If inhaled:

If breathed in, move person into fresh air.

If unconscious place in recovery position and seek medical advice.

If symptoms persist, call a physician.

In case of skin contact:

First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

In case of eye contact :

Immediately flush with plenty of water.

Do not rub or scratch eyes.

Remove contact lenses.

Protect unharmed eye.

If swallowed:

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed:

No symptoms known or expected.

Causes skin irritation.

Causes serious eye irritation.



Engineered Solutions since 1911

SAFETY DATA SHEET

Notes to physician:

No hazards which require special first aid measures.
Treat symptomatically.

Section 5 - Firefighting measures

Suitable extinguishing media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Water spray / Foam / CO2 or dry chemical.

Specific hazards during firefighting:

Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products:

In a sustained fire, sizing and binders may decompose, releasing combustion products including carbon dioxide, carbon monoxide, various hydrocarbons, and water. Hydrogen

Specific extinguishing methods:

Product is compatible with standard fire-fighting agents.

Further information:

Standard procedure for chemical fires.

Special protective equipment for firefighters :

In the event of fire, wear self-contained breathing apparatus.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Avoid dust formation.

Avoid breathing dust.

Avoid contact with eye and skin.

Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Environmental precautions:

Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up:

Pick up and arrange disposal without creating dust.

Keep in suitable, closed containers for disposal.

Use an industrial vacuum cleaner with a high efficiency filter to clean up dust and fiber contamination.

Other information:

Comply with all applicable federal, state, and local regulations.

Section 7 - Handling and storage

Advice on safe handling:

Avoid dust formation. For personal protection see section 8.

Conditions for safe storage:

Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid:

No materials to be especially mentioned.

No decomposition if stored and applied as directed.

Section 8 - Exposure controls/personal protection

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
FIBERGLASS	65997-17-3	REL	5 mg/m3 fibers, total dust	NIOSH/GUIDE
		REL	5 mg/m3 Fiber, total	NIOSH/GUIDE
		TWA	5 mg/m3 Inhalable fraction.	ACGIH
		TWA	1 fibre/cm3 Fiber.	ACGIH
SILICA COLLOIDAL	112926-00-8	REL	6 mg/m3	NIOSH/GUIDE
		TWA	0.8 mg/m3	Z3
		TWA	6 mg/m3	TN OEL
		TWA	20 millions of particles per cubic foot of air	Z3
		TWA	0.8 mg/m3	Z3

Engineering measures:

Provide appropriate exhaust ventilation at places where dust is formed.

General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below regulatory and recommended limit.

Personal protective equipment**Respiratory protection:**

No personal respiratory protective equipment normally required.
If exposure limit are exceeded or irritation is experienced, certificated respiratory protection should be worn.

Eye protection:

Safety glasses with side shields(or goggles)

Skin and body protection:

Wear as appropriate:

- Protective gloves
- Safety shoes
- Long-sleeved shirt and long pants

Hygiene measures

Avoid breathing dust.
Keep good industrial hygiene practice.

Section 9 - Physical and chemical properties

Physical state	: Solid fabric
Odour	: Odorless
Odour Threshold	: No data available
pH	: Not applicable
Melting point/freezing point	: No data available
Boiling point/boiling range	: Not applicable
Flash point	: Not applicable
Evaporation rate	: No data available
Flammability (solid, gas)	: Not flammable
Upper explosion limit	: Not explosive
Lower explosion limit	: Not explosive
Vapour pressure	: Not applicable
Relative density	: No data available
Density	: 0.1 g/cm ³
Solubility(ies)	
Water solubility	: Insoluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Thermal decomposition	: No data available
Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Oxidizing properties	: Not an oxidizer

Section 10 - Stability and reactivity**Reactivity:**

No decomposition if stored and applied as directed.

Chemical stability:

Stable under recommended storage conditions

Possibility of hazardous reactions:

Product will not undergo hazardous polymerization

Conditions to avoid:

excessive heat

Keep away from heat, flame, sparks and other ignition sources.

Incompatible materials:

Hydrogen fluoride

Strong acids

strong alkalis

Hazardous decomposition products:

No hazardous decomposition products are known.

Section 11 - Toxicological Information**Information on likely routes of exposure:**

Inhalation / Skin contact / Eye Contact / Ingestion

Acute toxicity

Not classified based on available information.

SILICA COLLOIDAL:

Acute oral toxicity : LD 50 (Rat): > 10,000 mg/kg

Acute dermal toxicity : LD 50 (Rabbit): > 5,000 mg/kg

Skin corrosion/irritation

Causes skin irritation.

Result: Repeated exposure may cause skin dryness or cracking.

FIBERGLASS:

Result: Irritating to skin

SILICA COLLOIDAL:

Result: Mildly irritating to skin

Serious eye damage/eye irritation

Causes serious eye irritation.

Remarks: Unlikely to cause eye irritation or injury. Product dust may be irritating to eyes, skin and respiratory system.

FIBERGLASS:

Result: Irritating to eyes

SILICA COLLOIDAL:

Result: Mildly irritating to eyes

Respiratory or skin sensitisation

Skin sensitisation:

Not classified based on available information.

Respiratory sensitisation:

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Remarks: No data available

Carcinogenicity:

IARC

Group 2B: Possibly carcinogenic to humans

FIBERGLASS 65997-17-3

OSHA

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP

Reasonably anticipated to be a human carcinogen

FIBERGLASS 65997-17-3

Section 12 - Ecological information

Ecotoxicology Assessment

Acute aquatic toxicity

Not classified based on available information.

Chronic aquatic toxicity

Not classified based on available information.

SILICA COLLOIDAL:

Toxicity to fish:

NOEC (Fish): 10,000 mg/l

Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates:

EC 50 (Water flea (Daphnia magna)): > 10,000 mg/l

Exposure time: 24 h

Toxicity to algae:

NOEC (Desmodesmus subspicatus (green algae)): 10,000mg/l

Exposure time: 72 h

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

Section 13 - Disposal considerations

General advice:

Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging:

Do not reuse container. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14 - Transport information

Not dangerous goods. Consult shipping documents for descriptions that are specific to the shipment.

Section 15 - Regulatory information

SARA 311/312 Hazards:

Acute Health Hazard

SARA 313 Component(s)SARA 313:

This material does not contain any chemical components with known CAS numbers that

exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory
DSL : All components of this product are on the Canadian DSL
AUSTR: On the inventory, or in compliance with the inventory
ENCS : On the inventory, or in compliance with the inventory
KECL : On the inventory, or in compliance with the inventory
PHIL : On the inventory, or in compliance with the inventory
IECSC : On the inventory, or in compliance with the inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECL (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

Section 16 - Other information**Full text of H-Statements referred to under section 3.**

H315 Causes skin irritation.
H319 Causes serious eye irritation.

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

ACGIH	American Conference of Industrial Hygienists
BEI	Biological Exposure Index
CAS	Chemical Abstracts Service (Division of the American Chemical Society).
CMR	Carcinogenic, Mutagenic or Toxic for Reproduction
FG	Food grade
GHS	Globally Harmonized System of Classification and Labeling of Chemicals.
H-statement	Hazard Statement
IATA	International Air Transport Association.
IATA-DGR	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO	International Civil Aviation Organization
ICAO-TI (ICAO)	Technical Instructions by the "International Civil Aviation Organization"
IMDG	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
logPow	octanol-water partition coefficient



Engineered Solutions since 1911

SAFETY DATA SHEET

LCxx	Lethal Concentration, for xx percent of test population
LDxx	Lethal Dose, for xx percent of test population.
ICxx	Inhibitory Concentration for xx of a substance
Ecxx	Effective Concentration of xx
N.O.S.	Not Otherwise Specified
OECD	Organization for Economic Co-operation and Development
OEL	Occupational Exposure Limit
P-Statement	Precautionary Statement
PBT	Persistent , Bioaccumulative and Toxic
PPE	Personal Protective Equipment
STEL	Short-term exposure limit
STOT	Specific Target Organ Toxicity
TLV	Threshold Limit Value
TWA	Time-weighted average
vPvB	Very Persistent and Very Bioaccumulative
WEL	Workplace Exposure Level
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DOT	Department of Transportation
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
HMIRC	Hazardous Materials Information Review Commission
HMIS	Hazardous Materials Identification System
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
PMRA	Health Canada Pest Management Regulatory Agency
RTK	Right to Know
WHMIS	Workplace Hazardous Materials Information System

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.