



Health	3
Fire	0
Reactivity	0
Personal Protection	

# SECTION 1 – MATERIAL IDENTIFICATION

A)	Trade / Material Name	Exterior Acrylic Coating
B)	Description	This coating can be used as a protective and decorative coating for concrete surfaces and other masonry substrates, especially in aggressive, polluted and coastal environments
<b>C</b> )	Product Code(s)	RTB-694-R
D)	Manufacturer Name	Ronass Chemical Producing Co.
E)	Manufacturer Information	#95 Ghaem Magham Avenue, Tehran, Iran
		Tel: (+98-21) 88307248-9
		Fax: (+98-21) 88305965
		www.ronass.com   info@ronass.com
F)	MSDS Preparation Date	July 17, 2018

SECTION 2 – HAZARDOUS INGREDIENTS

Name	Percentage	Max. Legal Limit
Organic Solvents		N.A.
Total Pigments	Max. 40% (By Weight)	N.A.
Solid Resins	Max. 20% (By Weight)	N.A.

A)	Appearance and Odor	Coloured Liquid   Light Odor	
B)	V.O.C.		
C)	Viscosity	Max. 125 KU	
D)	pH Range	7 ± 0.5	
E)	Water Solubility	Complete	
F)	Specific Gravity	$1.40 \pm 0.05 \text{ gr/cm}3$	
G)	Flash Point		
H)	Boiling Point	100°C	
I)	Melting / Freezing Point	-5°C	

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Carbon Monoxide, Carbon Dioxide, Organic Solvent Vapor

Contact may cause eye irritation; prolonged contact with skin

# SECTION 4 – STABILITY AND REACTIVITY DATA

#### MATERIAL IS STABLE | HAZARDOUS POLYMERIZATION CANNOT OCCUR

A) Chemical Incompatibilities	Oil and inorganic compounds
B) Conditions to Avoid	Excessive heat, sparks, open flame, high voltage power lines / switchboards

C) Hazardous Decomposition Product(s)

A) Summary of Risks

D) Hazardous Polymerization Product(s) None

### SECTION 5 – LEAK AND DISPOSAL PROCEDURES

A) Spill and / or Leak Procedures
B) Waste Management / Disposal
C) Large Spills
Contain and collect with absorbent material
In accordance with state and provincial regulations
Remove all sources of ignition; ventilate area; Contain spill with inert absorbent, or mop up

## SECTION 6 – FIRST AID MEASURES

#### THIS PRODUCT IS NOT CONSIDERED A CARCINOGEN BY OSHA, NTP, IARC

			can cause irritation; excessive inhalation can cause dizziness and headache
B)		dical Conditions That May Be gravated by Contact	Pre-existing disorders of the liver or kidneys, eyes, skin, or respiratory system may be aggravated by exposure to this product
C)	Prin	nary Entry Route(s)	Eye contact; skin contact; respiratory and ingestion systems
D)	Acu	ite Effect(s)	Eye and skin irritation; dizziness; headache and nausea from excessive inhalation
E)	Chr	ronic Effect(s)	Aspiration of product into lungs (due to vomiting) can cause chemical pneumonitis, which can be fatal
F)	Sig	ns and Symptoms of Overexposure	
	*	Eye Contact	Redness; tearing; blurred vision
	*	Skin Contact	Redness; blistering
	*	Inhalation	Dizziness; headache
	*	Ingestion	Nausea; cramps; diarrhea
G)	Firs	st Aid	
	*	Eye Contact	Flush with plenty water for 10 minutes; get medical advice
	*	Skin Contact	Wash with soap and cool water; seek medical attention if irritation persists
	*	Inhalation	Move to an area with fresh air
	*	Ingestion	Do not induce vomiting; call a physician immediately for instructions

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# SECTION 7 – FIRE EXTINGUISHING MEASURES

- A) Flash Point and Method
- B) Autoignition Temperature
- C) Flammable Limits in Air
- D) Extinguishing Media
- E) Special Firefighting Procedures
- F) Unusual Fire and Explosion

N.A. 12% (LEL) 25% (UEL) Water fog; dry chemical; CO2 foam; sand Protective equipment and clothing; respirator Do not spray near open flame, hot engines or devices which may spark

Lingering vapors given off by the product's aerosol spray may support combustion; adequate ventilation is essential when using this product around potential sources of ignition

## SECTION 8 – SPECIAL PROTECTION INFORMATION

A)	Personal Protective Equipment		
	*	Goggles	Safety glasses; eye wash station available
	*	Gloves	Rubber Gloves
	*	Respirator	Respirator mask in confined areas or emergency situations
B)	3) Workplace Considerations		
	*	Fire Extinguisher	Always keep a number of ABC fire extinguishers and sand buckets within the vicinity of the workplace or storage area
	*	Ventilation	Provide sufficient mechanical (general and/or local) ventilation to maintain exposure below TLV
C)	C) Safety Stations		
	*	Eye Contact	Eye wash stations
	*	Contaminated Equipment and Clothing	Wash before reusing

## SECTION 9 - STORAGE AND HANDLING

A) Storage Conditions

Keep away from sources capable of igniting product container or packaging materials; store in well ventilated, cool and dry conditions Handle with care; store indoors

- B) Special Handling / Storage
- C) Shelf Life

At Least 12 Months

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# SECTION 10 – TRANSPORTATION INFORMATION

A) Shipping Classification	3.3
B) WHMIS Classification	С
C) UN Number	1866
D) Packaging	20 L (Metal Container)

THIS PRODUCT MSDS PROVIDES HEALTH AND SAFETY INFORMATION. THE PRODUCT IS TO BE USED IN APPLICATIONS CONSISTENT WITH COMPANY LITERATURE AND PRODUCT DIRECTIONS. INDIVIDUALS HANDLING THIS PRODUCT SHOULD HAVE ACCESS TO THIS INFORMATION. FOR ANY OTHER USES, EXPOSURES SHOULD BE EVALUATED SO THAT APPROPRIATE HANDLING PRACTICES AND TRAINING PROGRAMS CAN BE ESTABLISHED TO ENSURE SAFE WORKPLACE OPERATIONS. PLEASE CONTACT RONASS CHEMICAL PRODUCING CO. FOR FURTHER INFORMATION.

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