SAFETY DATA SHEET

1. Identification			
Product identifier	Insulcast RTVS 3-95-2 Red - Part A		
Other means of identification			
SKU#	IS300R		
Recommended use	Not available.		
Recommended restrictions	None known.		
Manufacturer/Importer/Supplier	r/Distributor information		
Company name	ITW Performance Polymers		
Address	35 Brownridge Road		
	Unit 1		
	Halton Hills, ON L7G 0C6		
Contact person	Customer Service		
Telephone number	215-855-8450		
Fax number	215-855-4688		
Emergency Number	800-424-9300 (CHEMTREC)		
Supplier	Not available.		
2. Hazard identification			
Physical hazards	Not classified.		
Health hazards	Not classified.		
Environmental hazards	Hazardous to the aquatic environment, acute hazard	e Category 3	
	Hazardous to the aquatic environment, long-term hazard	Category 3	
Label elements			
Hazard symbol	None.		
Signal word	None.		
Hazard statement	Harmful to aquatic life. Harmful to aquatic life	e with long lasting effects.	
Precautionary statement			
Prevention	Avoid release to the environment.		
Response	Not available.		
Storage	Not available.		
Disposal	Dispose of contents/container in accordance	with local/regional/national/int	ernational regulations.
Supplemental information	100 % of the mixture consists of component(environment. 100 % of the mixture consists of aquatic environment.		
Other hazards	None known.		
3. Composition/informati	on on ingredients		
Mixtures			
Chemical name	Common name and synonyms	CAS number	%
Aluminium oxide		1344-28-1	60 - 100

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Aluminium oxide		1344-28-1	60 - 100
Vinyl Silicone Polymer		68083-19-2	10 - 30
Iron oxide		1309-37-1	1 - 5
Siloxanes and Silicones, di-Me, Me hydrogen, hydrogen terminated	2	69013-23-6	1 - 5

Initialation Move to fresh air. Call a physician if symptoms develop or persist. Skin contact Wash off with scap and water. Get medical attention if irritation develops and persists. Fye contact Rines with water. Get medical attention if irritation develops and persists. Ingestion Rines with water. Get medical attention if irritation develops and persists. Most important Direct contact with eyes may cause temporary irritation. Symptoms/effects, acute and Direct contact with eyes may cause temporary irritation. Most important Direct contact with eyes may cause temporary irritation. Symptoms/effects, acute and Treat symptomatically. treatment needed Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. 5. Fire-fighting measures Suitable extinguishing Do not use water jet as an extinguisher, as this will spread the fire. Musuitable axtinguishing During fire, gases hazardous to health may be formed. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Specific methods Use standard firefighting procedures and consider the hazards of other involved materials. No unusual fire or explosion hazards noted. 6. Acccidental releases measures Prevent protective equipment and clothing during clean-up. Ensure adequate ventilation. L	4. First-aid measures					
Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists. Eye contact Rines with water. Get medical attention if irritation develops and persists. Ingestion Rines muth. Get medical attention if irritation develops and persists. Most Important Direct contact with eyes may cause temporary irritation. Most Important Direct contact with eyes may cause temporary irritation. Most Important needed Treat symptomatically. General Information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Stitlable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). During fire, gases hazardous to health may be formed. During fire, gases hazardous to health may be formed. Specific parcias arising from Special protective quipment Move containers from fire area if you can do so without risk. Specific methods Use standard firefighting procedures and consider the hazards of other involved materials. No unusual fire or explosion hazards noted. No unusual fire or explosion hazards noted. Accidental release measures Keep unnecessary personnel and vising diring clan-up. Ensure adequate ventilaton. Loca authorities should be advised if significant spillages cannot be containers. Following product recovery, flush area with water. Specific methods		Move to fresh	n air. Call a physi	cian if symptoms	develop or persist.	
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US. ACGIH Threshold Limit Values (TLV)	including any incompatibilities	SDS).	tion			
	including any incompatibilities 8. Exposure controls/pers	SDS).	ction			

Canada. Alberta OELs (Occi Components	upational Health & Safety Code, Sche Type	dule 1, Table 2), as amende Value	d Form
Aluminium oxide (CAS 1344-28-1)	TWA	10 mg/m3	
Iron oxide (CAS 1309-37-1)	TWA	5 mg/m3	Respirable.
Canada. British Columbia O Safety Regulation 296/97, as	ELs. (Occupational Exposure Limits amended)	for Chemical Substances, O	ccupational Health and
Components	Туре	Value	Form
Iron oxide (CAS 1309-37-1)	STEL	10 mg/m3	Fume.
	TWA	5 mg/m3	Fume.
		5 mg/m3	Dust.
		3 mg/m3	Respirable fraction.
		10 mg/m3	Total dust.
Canada. Manitoba OELs (Re Components	g. 217/2006, The Workplace Safety A Type	nd Health Act), as amended Value	Form
Iron oxide (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction.
Canada. New Brunswick OE	Ls: Threshold Limit Values (TLVs) Ba	ased on the 1991 and 1997 A	CGIH TLVs and BEIs
Publication (New Brunswick			
Components	Туре	Value	Form
Aluminium oxide (CAS 1344-28-1)	TWA	10 mg/m3	
Iron oxide (CAS 1309-37-1)	TWA	5 mg/m3	Dust.
Canada. Ontario OELs. (Cor Components	trol of Exposure to Biological or Che Type	emical Agents), as amended Value	Form
Iron oxide (CAS 1309-37-1)	TWA	5 mg/m3	Respirable fraction.
, , , , , , , , , , , , , , , , , , ,	istry of Labor - Regulation respecting Type	·	·
Aluminium oxide (CAS 1344-28-1)	TWA	10 mg/m3	Total dust.
Iron oxide (CAS 1309-37-1)	TWA	5 mg/m3	Dust and fume.
Canada. Saskatchewan OEL Components	s (Occupational Health and Safety R Type	egulations, 1996, Table 21), Value	as amended Form
Aluminium oxide (CAS	15 minute	20 mg/m3	
1344-28-1) Iron oxide (CAS 1309-37-1)	15 minute	20 mg/m3	
, , , , , , , , , , , , , , , , , , ,		10 mg/m3	Dust and fume.
logical limit values	No biological exposure limits noted fo	r the ingredient(s)	
propriate engineering trols	Good general ventilation should be us applicable, use process enclosures, lo maintain airborne levels below recom established, maintain airborne levels	ed. Ventilation rates should b ocal exhaust ventilation, or oth mended exposure limits. If exp	er engineering controls to
vidual protection measures, Eye/face protection	such as personal protective equipme Wear safety glasses with side shields		
Skin protection Hand protection	Wear appropriate chemical resistant o	ploves.	
Other	Wear appropriate chemical resistant of		
Respiratory protection	In case of insufficient ventilation, wear	-	nt.
Thermal hazards	Wear appropriate thermal protective of		
	•	- · ·	

9. Physical and chemical properties

9. Physical and chemical	properties
Appearance	Liquid.
Physical state	Liquid.
Form	Liquid.
Colour	Red.
Odour	Slight.
Odour threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	160 °C (320 °F)
Flash point	251.7 °C (485.0 °F)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or exp	losive limits
Explosive limit - lower (%)	Not available.
Explosive limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	19.66 lb/gal
Explosive properties	Not explosive.
Flammability class	Combustible IIIB estimated
Oxidising properties	Not oxidising.
Specific gravity	2.36
VOC	0
10 Stability and reactivity	

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure			
Inhalation	No adverse effects due to inhalation are expected.		
Skin contact	No adverse effects due to skin contact are expected.		
Eye contact	Direct contact with eyes may cause temporary irritation.		

Ingestion	Expected to be a low ingestion hazard.			
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with	Direct contact with eyes may cause temporary irritation.		
Information on toxicological eff	ects			
Acute toxicity				
Components	Species	Test Results		
Aluminium oxide (CAS 1344-28-1)			
Acute				
Oral				
LD50	Rat	> 5000 mg/kg		
lron oxide (CAS 1309-37-1)				
<u>Acute</u>				
Oral				
LD50	Rat	> 10000 mg/kg		
Skin corrosion/irritation	Prolonged skin co	ntact may cause temporary irritation.		
Serious eye damage/eye irritation	Direct contact with	Direct contact with eyes may cause temporary irritation.		
Respiratory or skin sensitisatio	n			
Canada - Alberta OELs: Irri	tant			
Aluminium oxide (CAS 1 Iron oxide (CAS 1309-37		Irritant Irritant		
Respiratory sensitisation	Not a respiratory s	sensitiser.		
Skin sensitisation	This product is not expected to cause skin sensitisation.			
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.			
Carcinogenicity				
ACGIH Carcinogens				
Aluminium oxide (CAS 1		A4 Not classifiable as a human carcinogen.		
Iron oxide (CAS 1309-37	,	A4 Not classifiable as a human carcinogen.		
Canada - Manitoba OELs: c Aluminium oxide (CAS 1		Not classifiable as a human carcinogen.		
Iron oxide (CAS 1309-37	•	Not classifiable as a human carcinogen.		
IARC Monographs. Overall	Evaluation of Carci			
Iron oxide (CAS 1309-37	·-1)	3 Not classifiable as to carcinogenicity to humans.		
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.			
Specific target organ toxicity - single exposure	Not classified.			
Specific target organ toxicity - repeated exposure	Not classified.			
Aspiration hazard	Not an aspiration I	hazard.		
12. Ecological informatio	n			
Ecotoxicity	Harmful to aquation	life with long lasting effects.		
Persistence and degradability	No data is availab	No data is available on the degradability of any ingredients in the mixture.		

	1 5 5			
Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.			
Bioaccumulative potential	No data available.			
Mobility in soil	No data available.			
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.			

13. Disposal considerations			
Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.		
Local disposal regulations	Dispose in accordance with all applicable regulations.		
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.		
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).		
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.		

14. Transport information

TDG

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Not established. Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory information

Canadian regulations

This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Controlled Drugs and Substances Act

Not regulated. Export Control List (CEPA 1999, Schedule 3) Not listed. Greenhouse Gases Not listed. Precursor Control Regulations

Not regulated.

International regulations

- **Stockholm Convention**
- Not applicable.
- **Rotterdam Convention**
 - Not applicable.
- Kyoto Protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No

Country(s) or region	Inventory name	On inventory (yes/no)*
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information	
Issue date	09-July-2023
Revision date	06-August-2023
Version No.	02
Disclaimer	ITW Performance Polymers cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. 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 relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
Revision information	Physical & Chemical Properties: Multiple Properties