

SPAL-PRO RS 88 ColorFast

DATA SHEET

acc. to OSHA HCS (29CFR 1910.1200)
and WHMIS 2015 Regulations



1. IDENTIFICATION

Product Identifier

Trade Name	Spal-Pro RS 88 ColorFast
Product Code	No other identifiers

Recommended Use and Restriction on Use

Recommended Use	Component of a Control Joint Polyurethane System
Restrictions on Use	No relevant information available

Details of the Supplier of the Safety Data Sheet / Manufacturer / Supplier

Metzger/McGuire: PO Box 2217 Concord, NH 03302 Shipping Address: 807 Route 3-A Bow, NH 03304, Phone: 603-224-6122
Toll Free: 800-223-6680, Email: info@metzgermcguire.com

Distributor Detail

Region	New Zealand / Australia
Lesa Systems 2017 LTD: 700 Great South Road, Penrose, P O Box 9826, Auckland, New Zealand, Phone: +64 9 526 7136, Fax: +64 9 525 2139, Freephone: 0800 74 5372, Email: sales@lesasystems.co.nz	
Emergency Contact	0800 764 766 - New Zealand National Poisons Centre

2. HAZARD(S) IDENTIFICATION

Classification of Substance or Mixture	The product is not classified as hazardous according to the Globally Harmonised System (GHS)	
Label Elements		
GHS Label Elements	Not regulated	
GHS Pictogram(s)	Not regulated	
Signal Word	Not regulated	
Hazard Statements	Not regulated	
Other Hazards	There are no other hazards not otherwise classified that have been identified	

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterisation: Mixtures

Components		
13463-67-7	Titanium Dioxide	20-30%
1309-37-1	Diiron trioxide / iron (III) oxide	1-5%
1333-86-4	Carbon Black	≤1%

Additional Information:

Non-classification as a carcinogen is based on non-inhalable form of product. IARC listings for carbon black titanium dioxide note that the substance must be respirable. For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.

4. FIRST-AID MEASURES

Description of First Aid Measures

After Inhalation	Supply fresh air; consult doctor in case of complaints.
------------------	---

SPAL-PRO RS 88 ColorFast

DATA SHEET

acc. to OSHA HCS (29CFR 1910.1200)
and WHMIS 2015 Regulations



After Skin Contact	Immediately wash with water and soap and rinse thoroughly. Seek medical treatment in case of complaints.
After Eye Contact	Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After Swallowing	Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.
Most Important Symptoms and Effects, both Acute and Delayed	Slight irritant effect on eyes
Indication of any Immediate Medical Attention and Special Treatment Needed	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Agents	Water fog /haze Foam Carbon dioxide Fire-extinguishing powder
For Safety Reasons Unsuitable Extinguishing Agents	Water stream
Special Hazards Arising from the Substance or Mixture	In case of fire, the following can be released: Carbon monoxide (CO).
Advice for Firefighters	
Protective Equipment	Wear self-contained respiratory protective device. Wear fully protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Ensure adequate ventilation Use personal protective equipment as required
Environmental Precautions	Avoid release to the environment
Methods and Material for Containment and Cleaning Up	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Send for recovery or disposal in suitable receptacles.
Reference to Other Sections	See Section 7 for information on safe handling See Section 8 for information on personal protection equipment. See Section 13 for disposal information

7. HANDLING AND STORAGE

Handling

Precautions for Safe Handling	Avoid contact with the eyes and skin Avoid breathing mist, vapours, or spray Keep out of reach of children
Information about Protection Against Explosions and Fires	Keep away from heat/sparks/open flames/hot surfaces - No smoking.
Conditions for Safe Storage, Including any Incompatibilities	
Requirements to be Met by Storerooms and Receptacles	Store in cool, dry conditions in well sealed receptacles. Storage area should be dry and well-ventilated
Information about Storage in One Common Storage Facility	Store away from foodstuffs
Specific End Use(s)	No relevant information available

SPAL-PRO RS 88 ColorFast

DATA SHEET

acc. to OSHA HCS (29CFR 1910.1200)
and WHMIS 2015 Regulations



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Components with limit values that require monitoring at the workplace



1309-37-1 Diiron trioxide / iron (III) oxide

PEL (USA)	Long-term value: 10* mg/m3 *Fume
REL (USA)	Long-term value: 5mg/m3 *Dust and Fume, as Fe
TLV (USA)	Long-term value: 5mg/m3 *as respirable fraction
EL (Canada)	Short-term value: 10** mg/m3 Long-term value 5* 10*** 3**** mg/m3 *Dust and Fume **fume; Rouge **total dust****resp.
EV (Canada)	Long-term value: 5* 10** mg/m3 *respirable, including Rouge, **total dust
LMPE (Mexico)	Long-term value: 5* mg/m3 A4, Fracción respirable

1333-86-4 N Carbon Black

PEL (USA)	Long-term value: 3.5 mg/m3
REL (USA)	Long-term value: 3.5 mg/m3 *0.1 in presence of PAHs; See pocket Guide Apps A+C
TLV (USA)	Long-term value: 3* mg/m3 *Inhalable fraction
EL (Canada)	Long-term value: 3 mg/m3 IARC 2B
EV (Canada)	Long-term value 3.5 mg/m3
LMPE (Mexico)	Long-term value: 3* mg/m3 A3, *fracción inhalable

Exposure Controls

Personal Protective Equipment General Protective and Hygienic Measures	The usual precautionary measures for handling chemicals should be followed Keep away from foodstuffs, beverages and feed Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work Avoid contact with the eyes and skin Avoid breathing mist, vapours, or spray.
Engineering Controls	Provide adequate ventilation
Breathing Equipment	Not required under normal conditions of use
Protection of Hands	 Protective Gloves - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  Safety Glasses - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Body Protection	Protective work clothing
Limitation and Supervision of Exposure into the Environment	No relevant information available

SPAL-PRO RS 88 ColorFast

DATA SHEET

acc. to OSHA HCS (29CFR 1910.1200)
and WHMIS 2015 Regulations



7631-86-9 Precipitated Silica (silica - amorphous)

NIOSH REL (USA)	Long-term value: 6 mg/m3
OSHA PEL (USA)	Long-term value: 80 mg/m3

872-50-4 N-methyl-2-pyrrolidone

WEEL (USA)	Long-term value: 10 ppm Skin
EV (Canada)	Long-term value: 400 mg/m3

1333-86-4 N Carbon Black



PEL (USA)	Long-term value: 3.5 mg/m3
REL (USA)	Long-term value: 3.5 mg/m3 *0.1 in presence of PAHs; See pocket Guide Apps A+C
TLV (USA)	Long-term value: 3* mg/m3 *Inhalable fraction
EL (Canada)	Long-term value: 3 mg/m3 IARC 2B
EV (Canada)	Long-term value 3.5 mg/m3
LMPE (Mexico)	Long-term value: 3* mg/m3 A3, *fracción inhalable

Ingredients with Biological Limit Values

872-50-4 N-methyl-2-pyrrolidone

BEI (USA)	100 mg/L Medium: urine Time: end of shift Parameter: 5-Hydroxy-N-methyl-2-pyrrolidone
-----------	--

Exposure Controls

Personal Protective Equipment General Protective and Hygienic Measures	The usual precautionary measures for handling chemicals should be followed Keep away from foodstuffs, beverages and feed Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work Do not inhale gases / fumes / aerosols Avoid contact with the eyes and skin
Engineering Controls	No relevant information available
Breathing Equipment	Not required under normal conditions of use
Protection of Hands	 Protective Gloves - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  Safety Glasses - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Follow relevant national guidelines concerning the use of protective eyewear.	
Body Protection	Protective work clothing
Limitation and Supervision of Exposure into the Environment	No relevant information available
Risk Management Measures	No relevant information available

SPAL-PRO RS 88 ColorFast

DATA SHEET

acc. to OSHA HCS (29CFR 1910.1200)
and WHMIS 2015 Regulations



9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Appearance

Form	Liquid
Colour	According to product specification
Odour	Slight
Odour Threshold	Not determined
pH-value	7.1
Melting Point/Melting range	Not determined
Boiling Point/Boiling range	>204.4°C
Flash Point	>240°C
Flammability (solid, gaseous)	Not applicable
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Danger of Explosion	Product does not present an explosion hazard

Explosion Limits

Lower	Not determined
Upper	Not determined
Oxidising Properties	Non-oxidising
Vapour Pressure at 20°	Not determined

Density

Relative Density	1.00-1.30
Vapour Density	Not determined
Evaporation Rate	Not determined

Solubility in / Miscibility with

Water	Soluble
Partition Coefficient (n-octanol/water)	Not determined

Viscosity

Dynamic	Not determined
Kinematic	Not determined
Other Information	No relevant information available

10. STABILITY AND REACTIVITY

Reactivity	The product is non-reactive under normal conditions of use, storage and transport
Chemical Stability	Stable under normal temperatures and pressures
Thermal Decomposition / Conditions to be Avoided	No decomposition if used and stored according to specifications

SPAL-PRO RS 88 ColorFast

DATA SHEET

acc. to OSHA HCS (29CFR 1910.1200)
and WHMIS 2015 Regulations



Possibility of Hazardous Reactions	Reacts with strong acids and alkali Reacts with strong oxidising agents Toxic fumes may be released if heated above the decomposition point
Conditions to Avoid	Excessive heat
Incompatible Materials	Oxidisers, strong bases, strong acids
Hazardous Decomposition Products	Under fire conditions only Carbon monoxide and carbon dioxide

11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Acute Toxicity

LD/LC50 Values that are Relevant for Classification

Primary Irritant Effect

On the Skin	Based on available data, the classification criteria are not met.
On the Eye	Based on available data, the classification criteria are not met.
Sensitisation	Sensitisation possible through skin contact

IARC (International Agency for Research on Cancer)

13463-67-7 Titanium Dioxide	2B
1333-86-4 Carbon Black	2B

NTP (National Toxicology Program)	None of the ingredients are listed
--	------------------------------------

OSHA-Ca (Occupational Safety & Health Administration)	None of the ingredients are listed
--	------------------------------------

Probable Route(s) of Exposure	Ingestion Eye contact Skin contact
--------------------------------------	--

Germ Cell Mutagenicity	Based on available data, the classification criteria are not met.
-------------------------------	---

Carcinogenicity	Contains known or suspect carcinogens when inhaled. Product is in non-inhalable form and is non-classifiable as a carcinogen.
------------------------	---

Reproductive Toxicity	Based on available data, the classification criteria are not met.
------------------------------	---

STOT-single Exposure	Based on available data, the classification criteria are not met.
-----------------------------	---

STOT-repeated Exposure	Based on available data, the classification criteria are not met.
-------------------------------	---

Aspiration Hazard	Based on available data, the classification criteria are not met.
--------------------------	---

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic Toxicity	No relevant information available
Persistence and Degradability	No relevant information available
Bioaccumulative Potential	No relevant information available
Mobility in Soil	No relevant information available

Results of PBT and vPvB Assessment

PBT	Not applicable
vPvB	Not applicable

SPAL-PRO RS 88 ColorFast

DATA SHEET

acc. to OSHA HCS (29CFR 1910.1200)
and WHMIS 2015 Regulations



Other Adverse Effects	No relevant information available
------------------------------	-----------------------------------

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation	The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
-----------------------	--

Uncleaned Packagings

Recommendation	Disposal must be made according to official regulations
-----------------------	---

14. TRANSPORT INFORMATION

UN-Number

DOT, ADR, IMDG, IATA	Not regulated
-----------------------------	---------------

UN Proper Shipping Name

DOT, ADR, IMDG, IATA	Not regulated
-----------------------------	---------------

Transport Hazard Class(es)

DOT, ADR, IMDG, IATA Class	Not regulated
-----------------------------------	---------------

Packing Group

DOT, ADR, IMDG, IATA	Not regulated.
-----------------------------	----------------

Environmental Hazards

Marine Pollutant	No
-------------------------	----

Special Precautions for User	Not applicable
-------------------------------------	----------------

Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code	Not applicable
--	----------------

SPAL-PRO RS 88 ColorFast

DATA SHEET

acc. to OSHA HCS (29CFR 1910.1200)
and WHMIS 2015 Regulations



15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

United States (USA)

SARA

Section 302 (Extremely Hazardous Substances)	None of the ingredients are listed
Section 355 (Extremely Hazardous Substances)	None of the ingredients are listed
Section 313 (Specific Toxic Chemical Listings)	None of the ingredients are listed
TSCA (Toxic Substances Control Act)	All ingredients are listed
Proposition 65 (California)	
Chemicals Known to Cause Cancer	Reference to chemical component(s) listed below are based on unbound respirable particles and are not generally applicable to product as supplied.
13463-67-7	Titanium dioxide
1333-86-4	Carbon black
NIOSH-Ca (National Institute for Occupational Safety and Health)	
13463-67-7	Titanium dioxide
1333-86-4	Carbon black
Chemicals Known to Cause Developmental Toxicity for Females	None of the ingredients are listed
Chemicals Known to Cause Developmental Toxicity for Males	None of the ingredients are listed
EPA (Environmental Protection Agency)	None of the ingredients are listed
IARC (International agency for Research on Cancer)	
13463-67-7	Titanium dioxide
1333-86-4	Carbon black
Canadian Domestic Substances List (DSL)	All ingredients are listed

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and Acronyms	<p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bio-accumulable, Toxic vPvB: very Persistent and very Bioaccumulative OSHA: Occupational Safety & Health Administration</p>
-----------------------------------	---

SPAL-PRO RS 88 ColorFast DATA SHEET

acc. to OSHA HCS (29CFR 1910.1200)
and WHMIS 2015 Regulations



Sources	Website, European Chemicals Agency (echa.europa.eu) Website, US EPA Substance Registry Services (ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do) Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6 Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., 978-0-07-176923-5. Safety Data Sheets, Individual Manufacturers SDS Prepared by: ChemTel Inc. 1305 North Florida Avenue Tampa, Florida USA 33602-2902 Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573 Website: www.chemtelinc.com
----------------	---