

Safety Data Sheet

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

Printing date: April 14, 2017

Revision: April 14, 2017

1 Identification

- **Product identifier**
- **Trade name:** Rapid Refloor XP Part A Polyol
- **Product code:** No other identifiers
- **Recommended use and restriction on use**
- **Recommended use:** Component of a Control Joint Polyurea System
- **Restrictions on use:** For Professional Use Only
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
 METZGER/McGUIRE
 Mailing Address:
 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
- **Emergency telephone number:**
 ChemTel Inc.
 (800)255-3924 (North America)
 +1 (813)248-0585 (International)

2 Hazard(s) identification

- **Classification of the substance or mixture**
 Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**
- **GHS label elements**
 The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**



GHS07

- **Signal word:** Warning
- **Hazard statements:**
 H319 Causes serious eye irritation.
- **Precautionary statements:**
 P264 Wash thoroughly after handling.
 P280 Wear eye protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice/attention.

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- **Other hazards** There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Components:**

29253-36-9	Isopropyl naphthalene	☠ Asp. Tox. 1, H304	35-50%
25214-63-5	Ethylenediamine, propoxylated	⚠ Eye Irrit. 2A, H319	25-45%
7631-86-9	precipitated silica (silica - amorphous)		2-6%
13463-67-7	titanium dioxide		1-6%
1333-86-4	carbon black		0.5-2%

- **Additional information:**

Non-classification as a carcinogen is based on non-respirable form of product.

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.

For the wording of the listed Hazard Statements refer to section 16.

4 First-aid measures

- **Description of first aid measures**

- **After inhalation:**

Respiration of particulates is unlikely during normal usage.

Supply fresh air; consult doctor in case of complaints.

- **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation is experienced, consult a doctor.

- **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:**

Causes eye irritation.

Slight irritant effect on skin and mucous membranes.

Gastric or intestinal disorders when ingested.

Nausea in case of ingestion.

- **Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

- **For safety reasons unsuitable extinguishing agents:** Water stream.

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- **Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **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**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
- **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 splashes or spray in enclosed areas.
Use only in well ventilated areas.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:**
Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizers, strong acids, strong bases.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Keep containers tightly sealed.
- **Specific end use(s)** No relevant information available.

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8 Exposure controls/personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

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
13463-67-7 titanium dioxide

 PEL (USA) Long-term value: 15* mg/m³
*total dust

REL (USA) See Pocket Guide App. A

 TLV (USA) Long-term value: 10 mg/m³
withdrawn from NIC

 EL (Canada) Long-term value: 10* 3** mg/m³
*total dust; **respirable fraction; IARC 2B

 EV (Canada) Long-term value: 10 mg/m³
total dust

 LMPE (Mexico) Long-term value: 10 mg/m³
A4

1333-86-4 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.

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.

Use suitable respiratory protective device in case of insufficient ventilation.

For spills, respiratory protection may be advisable.

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Use respiratory protection when grinding or cutting material.

Protection of hands:


Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Material of gloves

PVC gloves

Neoprene gloves

Nitrile rubber, NBR

Eye protection:


Safety glasses

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment

No relevant information available.

9 Physical and chemical properties

Information on basic physical and chemical properties
Appearance:
Form:

Liquid

Color:

According to product specification

Odor:

Slight

Odor threshold:

Not determined.

pH-value:

10 - 12

Melting point/Melting range:

Not determined.

Boiling point/Boiling range:

>177 °C (>351 °F)

Flash point:

>190 °C (>374 °F) (open cup)

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.

Oxidizing properties:

Not determined.

Vapor pressure:

Not determined.

Density:
Relative density:

 1.02 - 1.05 g/cm³ (8.512 - 8.762 lbs/gal)

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Vapor density:	Not determined.
Evaporation rate:	Not determined.

· Solubility in / Miscibility with Water:	Slightly soluble.
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· Partition coefficient (n-octanol/water):	Not determined.
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· Viscosity	
Dynamic:	Not determined.
Kinematic at 40 °C (104 °F):	>20.5 mm ² /s
· Other information	No relevant information available.

10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions**
Toxic fumes may be released if heated above the decomposition point.
Reacts with catalysts, oxidizing agents and strong alkali.
Reacts with strong acids.
- **Conditions to avoid** Excessive heat.
- **Incompatible materials** Oxidizers, strong bases, strong acids
- **Hazardous decomposition products**
Carbon monoxide and carbon dioxide
Nitrogen oxides (NO_x)

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** None.
- **Primary irritant effect:**
- **On the skin:** Slight irritant effect on skin and mucous membranes.
- **On the eye:** Irritating effect.

· IARC (International Agency for Research on Cancer):		
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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.

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- **Probable route(s) of exposure:**
 Ingestion.
 Eye contact.
 Skin contact.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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 nonclassifiable 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**
 Toxic to aquatic life with long lasting effects.

29253-36-9 Isopropyl-naphthalene

LC50	0.74 mg/l (fish)
EC50	0.15 mg/l (daphnia)

- **Persistence and degradability** No relevant information available.
- **Bioaccumulative potential:** May be accumulated in organism
- **Mobility in soil:** No relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Very toxic for fish
- **Additional ecological information**
- **General notes:**
 Do not allow product to reach ground water, water course or sewage system.
 Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **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.

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- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

<ul style="list-style-type: none"> · UN-Number · DOT · ADR, IMDG, IATA 	Not regulated. UN3082
<ul style="list-style-type: none"> · UN proper shipping name · DOT · ADR · IMDG · IATA 	Not regulated. ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isopropyl-naphthalene) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isopropyl-naphthalene), MARINE POLLUTANT Environmentally hazardous substance, liquid, n.o.s. (Isopropyl-naphthalene)
<ul style="list-style-type: none"> · Transport hazard class(es) · DOT · Class 	Not regulated.
<ul style="list-style-type: none"> · ADR 	Not regulated.
<ul style="list-style-type: none"> · Class · Label 	9 (M6) Miscellaneous dangerous substances and articles 9
<ul style="list-style-type: none"> · IMDG, IATA 	Not regulated.
<ul style="list-style-type: none"> · Class · Label 	9 Miscellaneous dangerous substances and articles 9
<ul style="list-style-type: none"> · Packing group · DOT · ADR, IMDG, IATA 	Not regulated. III
<ul style="list-style-type: none"> · Environmental hazards · Marine pollutant: 	Yes Symbol (fish and tree)

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<ul style="list-style-type: none"> · Special precautions for user · Danger code (Kemler): · EMS Number: 	Warning: Miscellaneous dangerous substances and articles 90 F-A,S-F
<ul style="list-style-type: none"> · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	Not applicable.
<ul style="list-style-type: none"> · Transport/Additional information: · DOT · Remarks: 	Not regulated when carried in single or combination packaging containing a net quantity of 5 L or less for liquids or 5 kg or less for solids per the following: DOT: 171.4(c)(2) ADR: SP 375 IMDG: 2.10.2.7 IATA: special provision A197 Transport labeling is not required for non-bulk single package shipments by motor vehicle, rail car or aircraft. Bulk packaging consists of a maximum capacity of greater than 450L (119 gallons) for a liquid and a maximum net mass greater than 400kg (882 pounds) for a solid.

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
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1333-86-4	carbon black
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· Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

· Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

· Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

· Carcinogenic categories
· EPA (Environmental Protection Agency):

None of the ingredients are listed.

· IARC (International Agency for Research on 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	2B
1333-86-4	carbon black	2B

· NIOSH-Ca (National Institute for Occupational Safety and Health):

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.

· Date of preparation / last revision April 14, 2017 / -

· Abbreviations and acronyms:

LDLo: Lowest Lethal Dose Observed
 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, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 NIOSH: National Institute for Occupational Safety
 OSHA: Occupational Safety & Health
 Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
 Asp. Tox. 1: Aspiration hazard – Category 1

· Sources

Website, European Chemicals Agency (echa.europa.eu)
 Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/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., ISBN:

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Safety Data Sheets, Individual Manufacturers

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