

## 1. IDENTIFICATION OF SUBSTANCE

PRODUCT FORM	Mixture
PRODUCT NAME	Rugged Coatings PrHG
PRODUCT USE	Elastomeric Acrylic Primer Coating
SUPPLIER IDENTIFICATION	Rugged Coatings 3217 Messer Airport Hwy Birmingham, AL 35222
EMERGENCY TELEPHONE	(800) 424-9300 Chemtrec

## 2. HAZARD(S) IDENTIFICATION

### GHS RATINGS:

Carc. 2 H351

### GHS HAZARDS

H351 Suspected of causing cancer

### GHS PRECAUTIONS

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P280	Wear protective gloves/protective clothing/eye protection/face protection
P308+P313	If exposed or concerned: Get medical advice/attention
P405	Store locked up.
P501	Dispose of contents/container in accordance with existing federal, state, and local environmental control laws.

### LABEL ELEMENTS

#### PICTOGRAM



SIGNAL WORD Warning

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### MIXTURES

latex,liquid,synthetic	36 - 45%
Water (CAS No) 7732-18-5	16 - 25%
Titanium(IV) oxide (CAS No) 13463-67-7	0 - 10%

mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247- 500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS No) 55965-84-9	0.01 - 0.03%
2-octyl-2H-isothiazol-3-one (CAS No) 26530-20-1	0.01 - 0.03%

## 4. FIRST-AID MEASURES

GENERAL INFO	(CAS No) 26530-20-1
INHALATION	Remove person to fresh air and keep comfortable for breathing. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Assure fresh air breathing. Allow the victim to rest.
SKIN CONTACT	Wash with water and soap. Rinse with water. Rinse skin with water/shower.
EYE CONTACT	Direct contact with the eyes is likely to be irritating. Rinse eyes with water as a precaution.
INGESTION	Do not induce vomiting. Drink plenty of water. Get medical advice/attention. Rinse mouth. Call a poison center or a doctor if you feel unwell.

## 5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA	Suitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	Fire Hazard	Non combustible. Not flammable
	Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
ADVICE FOR FIREFIGHTERS	Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	For non-emergency personnel	Ventilate spillage area. Keep containers closed.
	For emergency responders	Do not attempt to take action without suitable protective equipment.

## ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment.

## METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

For containment	Collect spillage
Methods for cleaning up	Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	Dispose of materials or solid residues at an authorized site.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

Precautions for safe handling	Ensure good ventilation of the work station. Observe normal hygiene standards. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment.
Hygiene measures	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Technicals measures	Comply with applicable regulations.
Storage conditions	Keep container closed when not in use. Store locked up. Store in a well-ventilated place. Keep cool.
Storage temperature	4-38°C
Storage area	Keep only in the original container. Protect against frost.
Special rules on packaging	Keep only in the original container. Meet the legal requirements.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CHEMICAL NAME / CAS NO.	OSHA EXPOSURE LIMITS	ACGIH EXPOSURE LIMITS	OTHER EXPOSURE LIMITS
latex, liquid, synthetic	Not Applicable	Not Applicable	Not Established
Titanium dioxide (13463-67-7)	Not Applicable	10 mg/m <sup>3</sup> TWA	Not Established
2-octyl-2H-isothiazol-3-one (26530-20-1)	Not Applicable	Not Applicable	Not Established
Mixture (55965-84-9)	Not Applicable	Not Applicable	Not Established
Water	Not Applicable	Not Applicable	Not Established

### EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS	Ensure good ventilation of the work station.
PERSONAL PROTECTIVE EQUIPMENT	Gloves. Respiratory protection not required in normal conditions. Safety glasses.
HAND PROTECTION	Wear protective gloves.
EYE PROTECTION	Safety glasses.
SKIN & BODY PROTECTION	Wear suitable protective clothing
RESPIRATORY PROTECTION	In case of insufficient ventilation, wear suitable respiratory equipment.
ENVIRONMENTAL EXPOSURE CONTROLS	Avoid release to the environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Liquid
Color	Black
Odor	characteristic
pH	> 8.5
Freezing point	< 0 °C
Boiling point:	> 100°C
Density	~ 10.8 - 11.4 lb/gal
Solubility	Water: ~ 100 %

## 10. STABILITY AND REACTIVITY

### REACTIVITY

The product is non-reactive under normal conditions of use, storage and transport.

### CHEMICAL STABILITY

No data available

### POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions known under normal conditions of use.

### HAZARDOUS DECOMPOSITION PRODUCTS

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### CONDITIONS TO AVOID

None under recommended storage and handling conditions (see section 7).

## 11. TOXICOLOGICAL INFORMATION

### TITANIUM(IV) OXIDE (13463-67-7)

LD50 Oral Rat	> 10000 mg/kg (Rat; OECD 425: Acute Oral Toxicity: Up-and-Down Procedure; Experimental value; > 5000 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	> 10000 mg/kg (Rabbit; Literature study)
LD50 Inhalation - Rat	> 6.8 mg/l/4h (Rat; Experimental value)

### 2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1)

LD50 Oral Rat	> 550 mg/kg (Rat, Literature study, Oral)
LD50 Dermal Rabbit	690 mg/kg bodyweight (Rabbit, Literature study, Dermal)
LC50 inhalation rat(mg/l)	> 2 mg/m3 (4 h, Rat, Literature study, Inhalation (vapors))
ATE US (oral)	550.000 mg/kg bodyweight
ATE US (dermal)	690.000 mg/kg bodyweight
ATE US (gases)	700.000 ppmv/4h
ATE US (vapors)	3.000 mg/l/4h
ATE US (dust,mist)	0.500 mg/l/4h

### MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO.247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) (55965-84-9)

LD50 Oral Rat	53 mg/kg (Rat; Literature study)
ATE US (oral)	53.000 mg/kg bodyweight
ATE US (dermal)	300.000 mg/kg bodyweight
ATE US (dust,mist)	0.500 mg/l/4h

### TITANIUM(IV) OXIDE (13463-67-7)

IARC Group	2B - Possibly carcinogenic to humans
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## 12. ECOLOGICAL INFORMATION

### TOXICITY

Ecology - General The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Ecology - Water Very toxic to aquatic life with long lasting effects.

#### TITANIUM(IV) OXIDE (13463-67-7)

EC50 Daphnia 1 > 100 mg/l (LC50; Equivalent or similar to OECD 202; 48 h; Daphnia magna; Static system; Fresh water; Weight of evidence)

Threshold limit - Algae [1] 61 mg/l (EC50; Other; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)

#### 2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1)

LC50 fish 1 0.14 mg/l (96 h, Pimephales promelas, Literature study)

EC50 Daphnia 1 0.18 mg/l (48 h, Daphnia magna, Literature study)

LC50 fish 2 0.05 mg/l (96 h, Oncorhynchus mykiss, Literature study)

EC50 Daphnia 2 0.32 mg/l (48 h, Daphnia magna, Literature study)

#### MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) (55965-84-9)

LC50 fish 1 0.28 mg/l (LC50; 96 h; Lepomis macrochirus)

EC50 Daphnia 0.16 mg/l (EC50; 48 h; Daphnia magna)

Threshold limit algae 1 0.018 mg/l (EC50; 72 h; Pseudokirchneriella subcapitata)

### PERSISTENCE & DEGRADABILITY

#### LATEX, LIQUID, SYNTHETIC

Persistence and degradability Biodegradability in soil: no data available.

Biochemical oxygen demand (BOD) 0.01 g O<sub>2</sub>/g substance

#### TITANIUM(IV) OXIDE (13463-67-7)

Persistence and degradability Biodegradability; not applicable. Low potential for mobility in soil.

#### 2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1)

Persistence and degradability Inherently biodegradable.

#### MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) (55965-84-9)

Persistence and degradability No (test) data on mobility of the components available.

### BIOACCUMULATIVE POTENTIAL

#### LATEX, LIQUID, SYNTHETIC

Bioaccumulative potential Not bioaccumulative

#### TITANIUM(IV) OXIDE (13463-67-7)

Bioaccumulative potential Not bioaccumulative

#### 2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1)

BCF fish 1 1280 (67 day(s), Lepomis macrochirus, Flow-through system, Literature study)

Log Pow 2.45 (Experimental value)

Bioaccumulative potential Potential for bioaccumulation (500 ≤ BCF ≤ 5000).

#### MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1) (55965-84-9)

Bioaccumulative potential No test data of component(s) available.

### MOBILITY IN SOIL

#### 2-OCTYL-2H-ISOTHIAZOL-3-ONE (26530-20-1)

Ecology - soil No test data of component(s) available.

## 13. DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS

Waste treatment methods	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Waste disposal recommendations	Dispose in a safe manner in accordance with local/national regulations.

## 14. TRANSPORT INFORMATION

### DOT REGULATED COMPONENTS

In accordance with DOT.

Transport document description	Not Regulated (Water Based Material - KEEP FROM FREEZING)
UN-No.(DOT)	Not Regulated (Water Based Material - KEEP FROM FREEZING)

## 15. REGULATORY INFORMATION

**NATIONAL REGULATIONS** Acute health hazard, chronic health hazard.

### TROPICAL - #999 ETERNAFOAM PRIMER

Subject to reporting requirements of United States SARA Section 313

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

LATEX, LIQUID, SYNTHETIC	CAS NO	36-45%
2-OCTYL-2H-ISOTHIAZOL-3-ONE	CAS NO 26530-20-1	0.01-0.03%
MIXTURE OF: 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2H-ISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1)	CAS NO 55965-84-9	0.01-0.03%

### TITANIUM(IV) OXIDE (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)

### US STATE REGULATIONS

#### RUGGED COATINGS PRBB

U.S. - California - Proposition 65 - Carcinogens	Yes
U.S. - California - Proposition 65 - Developmental toxicity	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

### TITANIUM(IV) OXIDE (13463-67-7)

U.S. - New Jersey - Right to Know Hazardous Substance List

## 16. OTHER INFORMATION

### SAFETY DATA SHEET ISSUED BY PRODUCT SAFETY DEPARTMENT

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Rugged Coatings. The data on these sheets relates only to the specific material designated herein. Rugged Coatings assumes no legal responsibility for use or reliance upon this data. It is the user's responsibility to ensure that their activities comply with federal, state, or local laws.