

**RUGBY EXCEL TF RED**  
 Revision Number 1.01

Revision Date 22-Mar-2018  
 Supersedes Date: 06-Nov-2015

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product Identifier

**Product Name** RUGBY EXCEL TF RED  
**Pure substance/mixture** Mixture

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended use** Adhesives.  
**Uses advised against** No information available.

### 1.3. Details of the supplier of the safety data sheet

**Company Name**  
 Bostik (Shanghai) Management Co., Ltd  
 Building 1, No.968 Guanghai Road, Minhang District  
 Shanghai, China  
 Tel: 021-60763101  
 Fax: 021-60763133

**Manufacturer**  
 Bostik Philippines, Inc.  
 35/F Raffles Corporate Center,  
 F. Ortigas Jr. Road  
 Ortigas Business Center,  
 Pasig city, Philippines  
 Tel: 632-900-5656  
 Fax: 632-900-5622

Please refer to Section 16 for local affiliate addresses.

### 1.4. Emergency telephone number

**Emergency Telephone** 0532-8388 9090 (China only)

**E-mail address** SDS.AP@Bostik.com

## Section 2: HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture

Aspiration toxicity	Category 1 (6.1E <sup>9</sup> )
Skin Corrosion/Irritation	Category 2 (6.3A)
Serious Eye Damage/Eye Irritation	Category 2A (6.4A)
Skin sensitization	Category 1 (6.5B)
Carcinogenicity	Category 2 (6.7B)
Reproductive toxicity	Category 2 (6.8B)
STOT - Single Exposure	Category 3 (f)
Specific target organ toxicity (repeated exposure)	Category 2 (6.9B)
Acute aquatic toxicity	Category 2 (9.1D)
Chronic aquatic toxicity	Category 2 (9.1B)
Flammable Liquids	Category 3 (3.1C)

Classification in parenthesis is applicable for New Zealand Hazard Classification

**ERMA Group** Not applicable

### 2.2. Label Elements



**Signal Word**

**DANGER**

# Safety Data Sheet

**RUGBY EXCEL TF RED**  
**Revision Number** 1.01

**Revision Date** 22-Mar-2018  
**Supersedes Date:** 06-Nov-2015

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## **Hazard statements**

H361 - Suspected of damaging fertility or the unborn child  
H317 - May cause an allergic skin reaction  
H336 - May cause drowsiness or dizziness  
H319 - Causes serious eye irritation  
H351 - Suspected of causing cancer  
H411 - Toxic to aquatic life with long lasting effects  
H315 - Causes skin irritation  
H373 - May cause damage to organs through prolonged or repeated exposure  
H304 - May be fatal if swallowed and enters airways  
H226 - Flammable liquid and vapor

## **Precautionary Statements - Prevention**

P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P281 - Use personal protective equipment as required  
P264 - Wash face, hands and any exposed skin thoroughly after handling  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P280 - Wear protective gloves  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray  
P271 - Use only outdoors or in a well-ventilated area  
P273 - Avoid release to the environment  
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P235 - Keep cool

## **Precautionary Statements - Response**

P321 - Specific treatment (see supplemental first aid instructions on this label)

### **Inhalation**

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

### **Skin**

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention  
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
P363 - Wash contaminated clothing before reuse

### **Eyes**

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

### **Ingestion**

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P331 - Do NOT induce vomiting

### **Fire**

In case of fire: Use CO2, dry chemical, or foam to extinguish

### **Spill**

P391 - Collect spillage

## **Precautionary Statements - Storage**

P405 - Store locked up  
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

## **Precautionary Statements - Disposal**

P501 - Dispose of contents/ container to an approved waste disposal plant

## **2.3. Other Hazards**

# Safety Data Sheet

RUGBY EXCEL TF RED  
Revision Number 1.01

Revision Date 22-Mar-2018  
Supersedes Date: 06-Nov-2015

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Mixture

### 3.2 Mixtures

Chemical Name	CAS No	Weight-%
Hexane	110-54-3	30 - 40
Ethyl acetate	141-78-6	20 - 30
Ethylbenzene	100-41-4	5 - 10
Rosin	8050-09-7	0.1 - 1

\*\*\* Any remaining ingredients are not hazardous

## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>General Advice</b>	If medical advice is needed, have product container or label at hand.
<b>Inhalation</b>	Remove to fresh air.
<b>Skin Contact</b>	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention.
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
<b>Ingestion</b>	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
<b>Self-Protection of the First Aider</b>	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms** None known.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

### 4.4. Reference to Other Sections

**Reference to other sections** See Section 12: ECOLOGICAL INFORMATION. Section 7: HANDLING AND STORAGE. Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

## Section 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Use CO<sub>2</sub>, dry chemical, or foam. Move containers from fire area if you can do it without risk.

**Unsuitable Extinguishing Media** No information available.

### 5.2. Special hazards arising from the substance or mixture

**Specific Hazards Arising from the Chemical** Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

### 5.3. Advice for firefighters

# Safety Data Sheet

RUGBY EXCEL TF RED  
Revision Number 1.01

Revision Date 22-Mar-2018  
Supersedes Date: 06-Nov-2015

**Special Protective Equipment for Fire-fighters** Wear self contained breathing apparatus for fire fighting if necessary.

## Section 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas.

**Other Information** Water spray may reduce vapor; but may not prevent ignition in closed spaces.

**For emergency responders** Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2. Environmental precautions

**Environmental Precautions** Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. See Section 12 for additional Ecological Information.

### 6.3. Methods and material for containment and cleaning up

**Methods for Containment** Dike far ahead of spill; use dry sand to contain the flow of material. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

**Methods for cleaning up** Use clean non-sparking tools to collect absorbed material. Dike far ahead of spill for later disposal.

### 6.4. Reference to other sections

**Reference to other sections** See Section 12: ECOLOGICAL INFORMATION  
Section 7: HANDLING AND STORAGE  
Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Advice on safe handling** Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Take precautionary measures against static charges. Use explosion-proof electrical/ventilating/ lighting/ equipment.

### 7.2. Conditions for safe storage, including any incompatibilities

**General Hygiene Considerations** Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.

**Storage Conditions** Keep only in the original container/package in a cool well-ventilated place.

**Incompatible Materials** Strong acids and bases

### 7.3. Specific end use(s)

**Other Information** No information available.

### 7.4. References to Other Sections

**Reference to other sections** See Section 12: ECOLOGICAL INFORMATION. Section 7: HANDLING AND STORAGE. Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

# Safety Data Sheet

RUGBY EXCEL TF RED  
Revision Number 1.01

Revision Date 22-Mar-2018  
Supersedes Date: 06-Nov-2015

## Exposure Limits

Chemical Name	China	Japan	Korea	New Zealand	Australia
Hexane 110-54-3	TWA: 100 mg/m <sup>3</sup> STEL: 180 mg/m <sup>3</sup> Skin	TWA: 40 ppm TWA: 140 mg/m <sup>3</sup> Skin ISHL/ACL: 40 ppm	TWA: 50 ppm	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	20 ppm TWA 72 mg/m <sup>3</sup> TWA
Ethyl acetate 141-78-6	TWA: 200 mg/m <sup>3</sup> STEL: 300 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 720 mg/m <sup>3</sup> ISHL/ACL: 200 ppm	TWA: 400 ppm	TWA: 200 ppm TWA: 720 mg/m <sup>3</sup>	200 ppm TWA 720 mg/m <sup>3</sup> TWA 400 ppm STEL 1440 mg/m <sup>3</sup> STEL
Ethylbenzene 100-41-4	TWA: 100 mg/m <sup>3</sup> STEL: 150 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 217 mg/m <sup>3</sup> ISHL/ACL: 20 ppm	STEL: 125 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 434 mg/m <sup>3</sup> STEL: 125 ppm STEL: 543 mg/m <sup>3</sup>	100 ppm TWA 434 mg/m <sup>3</sup> TWA 125 ppm STEL 543 mg/m <sup>3</sup> STEL
Rosin 8050-09-7			TWA: 0.1 mg/m <sup>3</sup>	-	0.1 mg/m <sup>3</sup> TWA

Chemical Name	European Union	ACGIH TLV	NIOSH IDLH	OSHA PEL
Hexane 110-54-3	TWA: 20 ppm TWA: 72 mg/m <sup>3</sup>	TWA: 50 ppm S*	IDLH: 1100 ppm TWA: 50 ppm TWA: 180 mg/m <sup>3</sup>	TWA: 500 ppm TWA: 1800 mg/m <sup>3</sup>
Ethyl acetate 141-78-6	-	TWA: 400 ppm	IDLH: 2000 ppm TWA: 400 ppm TWA: 1400 mg/m <sup>3</sup>	TWA: 400 ppm TWA: 1400 mg/m <sup>3</sup>
Ethylbenzene 100-41-4	TWA: 100 ppm TWA: 442 mg/m <sup>3</sup> STEL: 200 ppm STEL: 884 mg/m <sup>3</sup> S*	TWA: 20 ppm	IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m <sup>3</sup> STEL: 125 ppm STEL: 545 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup>
Rosin 8050-09-7	-	-	TWA: 0.1 mg/m <sup>3</sup> Formaldehyde	-

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

**OTHER INFORMATION** No information available

## 8.2. Exposure controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

### PPE - Personal Protection Equipment

<b>Eye/Face Protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and Body Protection</b>	Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.
<b>Hand Protection</b>	Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.
<b>Respiratory Protection</b>	No protective equipment is needed under normal use conditions. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of professional filter is recommended.
<b>General Hygiene Considerations</b>	Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

**Environmental Exposure Controls** Do not allow into any sewer, on the ground or into any body of water.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

**Appearance** Gel

# Safety Data Sheet

RUGBY EXCEL TF RED  
Revision Number 1.01

Revision Date 22-Mar-2018  
Supersedes Date: 06-Nov-2015

Color	Red
Odor	Solvent
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point / freezing point	No information available	
Boiling point / boiling range	No information available	
Flash Point	< 40 °C / < 104 °F	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	Not applicable for liquids
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor Pressure	No information available	
Vapor Density	No information available	
Relative Density	No information available	
Water Solubility	No information available	
Solubility in Other Solvents	No information available	
Partition Coefficient	No information available	
Autoignition Temperature	No information available	
Decomposition Temperature	No information available	
Kinematic Viscosity	No information available	
Dynamic Viscosity	3750 mPa s	
Explosive Properties	No information available	
Oxidizing Properties	No information available	

## 9.2. Other information

Softening Point	No information available
Molecular Weight	No information available
Solvent content (%)	No information available
Solid content (%)	No information available 17
Density	No information available
Bulk Density	No information available
VOC	

## **Section 10: STABILITY AND REACTIVITY**

### 10.1. Reactivity

Reactivity Stable under recommended storage conditions.

### 10.2. Chemical stability

Stability Stable under recommended storage conditions

### 10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions None under normal processing.

Hazardous Polymerization None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid Keep away from heat, sparks and flames.

### 10.5. Incompatible materials

Incompatible Materials Strong acids and bases.

### 10.6. Hazardous decomposition products

Hazardous decomposition products None under normal use conditions.

# Safety Data Sheet

RUGBY EXCEL TF RED  
Revision Number 1.01

Revision Date 22-Mar-2018  
Supersedes Date: 06-Nov-2015

## Section 11: TOXICOLOGY INFORMATION

### 11.1. Information on toxicological effects

#### Acute Toxicity

**Product Information** Product does not present an acute toxicity hazard based on known or supplied information.

**Inhalation** No data available.  
**Eye contact** No data available.  
**Skin Contact** No data available.  
**Ingestion** No data available.

#### Numerical measures of toxicity

##### Unknown acute toxicity

3.32416 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
16.07996 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
42.05869 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
42.05869 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
36.85192 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hexane 110-54-3	= 25 g/kg ( Rat )	= 3000 mg/kg ( Rabbit )	= 48000 ppm ( Rat ) 4 h
Ethyl acetate 141-78-6	= 5620 mg/kg ( Rat )	> 18000 mg/kg ( Rabbit ) > 20 mL/kg ( Rabbit )	LC0 29.3 mg/l air
Ethylbenzene 100-41-4	= 3500 mg/kg ( Rat )	= 15400 mg/kg ( Rabbit )	= 1432 mg/L ( Rat ) 4 h
Rosin 8050-09-7	>2800 mg/Kg (rat)	> 2500 mg/kg ( Rabbit )	= 1.5 mg/L ( Rat ) 4 h

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin Corrosion/Irritation** No information available.  
**Serious Eye Damage/Eye Irritation** No information available.  
**Sensitization** No information available.  
**Germ Cell Mutagenicity** No information available.  
**Reproductive Toxicity** No information available.  
**STOT - Single Exposure** No information available.  
**STOT - Repeated Exposure** No information available.  
**Target Organ Effects** Central nervous system, Eyes, Peripheral Nervous System (PNS), Respiratory system, Skin.  
**Aspiration hazard** No information available.  
**Carcinogenicity** No information available.

Chemical Name	IARC	China	Japan
Ethylbenzene	Group 2B	-	Group 2B

IARC (International Agency for Research on Cancer) Group 2B - Possibly Carcinogenic to Humans Group 3 - Not Classifiable as to Carcinogenicity in Humans

## Section 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Ecotoxicity

##### Product Information

Toxic to aquatic life with long lasting effects.

##### Component Information

Data obtained on the component(s) include

# Safety Data Sheet

RUGBY EXCEL TF RED  
Revision Number 1.01

Revision Date 22-Mar-2018  
Supersedes Date: 06-Nov-2015

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Hexane 110-54-3	-	LC50 96 h 2.1 - 2.98 mg/L (Pimephales promelas flow-through)	EC50 24 h > 1000 mg/L (Daphnia magna )
Ethyl acetate 141-78-6	EC50 48 h = 3300 mg/L (Desmodesmus subspicatus)	LC50 96 h 352 - 500 mg/L (Oncorhynchus mykiss semi-static) LC50 96 h = 484 mg/L (Oncorhynchus mykiss flow-through) LC50 96 h 220 - 250 mg/L (Pimephales promelas flow-through)	EC50 48 h = 560 mg/L (Daphnia magna Static)
Ethylbenzene 100-41-4	EC50 72 h 2.6 - 11.3 mg/L (Pseudokirchneriella subcapitata)	LC50 96 h = 4.2 mg/L (Oncorhynchus mykiss semi-static)	EC50 48 h 1.8 - 2.4 mg/L (Daphnia magna )
Rosin 8050-09-7	EC50 72 h = 400 mg/L (Desmodesmus subspicatus)	LC50 (96h) >10mg/L Fish (Danio rerio)	EC50 48 h >100 mg/L (Daphnia magna )

## 12.2. Persistence and degradability

No information available.

## 12.3. Bioaccumulative potential

No information available.

## 12.4. Mobility in soil

No information available.

## 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

## 12.6. Other adverse effects

No information available.

**Endocrine Disruptor  
Information**

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Waste from Residues/Unused Products** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Improper disposal or reuse of this container may be dangerous and illegal.

## Section 14: TRANSPORTATION INFORMATION

### IMDG

**UN Number** UN1133  
**Proper Shipping Name** Adhesives (Hexane), Marine Pollutant  
**Transport hazard class(es)** 3  
**Packing Group** II  
**Marine Pollutant** P This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO  
**EmS-No** F-E, S-D  
**Limited Quantity (LQ)** 5 L  
**Description** UN1133, Adhesives (Hexane), 3, II, (40°C c.c.), Marine Pollutant

### IATA

**UN/ID No** UN1133  
**Proper Shipping Name** Adhesives  
**Transport hazard class(es)** 3  
**Packing Group** II

# Safety Data Sheet

RUGBY EXCEL TF RED  
Revision Number 1.01

Revision Date 22-Mar-2018  
Supersedes Date: 06-Nov-2015

ERG Code 3L  
Limited Quantity (LQ) 1 L  
Special Provisions A3  
Description UN1133, Adhesives, 3, II

## ADR

UN/ID No UN1133  
Proper Shipping Name Adhesives, Environmentally Hazardous  
Transport hazard class(es) 3  
Labels 3  
Packing Group II  
Description UN1133, Adhesives, 3, II, (D/E), Environmentally Hazardous  
Environmental Hazard Yes  
Limited Quantity (LQ) 5 L  
Special Provisions 640C  
Classification Code F1  
Tunnel Restriction Code (D/E)

## Section 15: REGULATORY INFORMATION

X - Present

### National Regulations

#### China

This product contains the following substance(s)

Chemical Name	Weight-%	China - Catalog of Hazardous Chemicals - Hazardous Chemicals
Hexane 110-54-3	30 - 40	X
Ethyl acetate 141-78-6	20 - 30	X
Ethylbenzene 100-41-4	5 - 10	X

#### Japan

#### Pollutant Release and Transfer Registry (PRTR)

This product contains the following Class 1 and Class 2 Designated Chemical Substances per Japan PRTR Law.

Chemical Name	Weight-%	Japan - Pollutant Release Transfer Register (PRTR) - Class 1 Substances
Hexane 110-54-3	30 - 40	X
Ethylbenzene 100-41-4	5 - 10	X

#### Korea

#### Chemicals Control Act (CCA)

This product contains the following substance(s)

Chemical Name	Weight-%	Toxic substance	Prohibited substance	Restricted substance	Chemicals Control Act (CCA) - Accident Precaution Chemicals	Existing substances subject to registration
Ethyl acetate 141-78-6	20 - 30	X			X	X

# Safety Data Sheet

RUGBY EXCEL TF RED  
Revision Number 1.01

Revision Date 22-Mar-2018  
Supersedes Date: 06-Nov-2015

## Industrial Safety and Health Law

Chemical Name	ISHA - Harmful Substances Prohibited for Manufacturing, Importing, Transferring, or Supplying	ISHA - Harmful Substances Requiring Permission	ISHA - Substances Subject to Control - Gas-Phase Substances	ISHA - Substances to be controlled - Organic Substances	ISHA - Substances to be controlled - Metals	ISHA - Substances to be controlled - Acids and bases
Hexane 110-54-3				X		
Ethyl acetate 141-78-6				X		
Ethylbenzene 100-41-4				X		

## Safety Control of Dangerous Substances Act

Chemical Name	Weight-%	Class 1 - oxidizing solids	Class 2 - flammable solids	Class 3 - spontaneously combustible substances and water-reactive materials	Class 4 - flammable liquids	Class 5 - self-reactive substances	Class 6 - oxidizing liquids
Hexane 110-54-3	30 - 40				2. Group 1 petroleum, insoluble		
Ethyl acetate 141-78-6	20 - 30				2. Group 1 petroleum, insoluble		
Ethylbenzene 100-41-4	5 - 10				2. Group 1 petroleum, insoluble		

**Korea - MOE - Waste Control Act - Hazardous Substances in Controlled Waste**  
Not applicable

## International Regulations

### Europe

#### **Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU**

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation.

#### **EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## **Section 16: OTHER INFORMATION**

### Local Contacts

# Safety Data Sheet

**RUGBY EXCEL TF RED**  
**Revision Number** 1.01

**Revision Date** 22-Mar-2018  
**Supersedes Date:** 06-Nov-2015

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*Chronic Hazard Star Legend*

*\* = Chronic Health Hazard*

## Key or legend to abbreviations and acronyms used in the safety data sheet

TWA (time-weighted average)  
STEL (Short Term Exposure Limit)  
LD50 (lethal dose)  
EC50 (effective concentration)

## Key Literature References and Sources for Data

No information available

**Prepared By** Product Safety & Regulatory Affairs

**Revision Date** 22-Mar-2018

**Revision Note** Not applicable.

**Training Advice** Provide adequate information, instruction, and training for operator

## Disclaimer

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. 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.

# Safety Data Sheet

RUGBY EXCEL TF RED  
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**End of Safety Data Sheet**