

Safety Data Sheet



According to Regulation(EC) No.
453/2010 Issue data : 01-01-2019

SDS1204280001
Version:1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name:	Whole Tire Reclaim & High Tensile Reclaim
Proper shipping name:	No data available
Other means of identification:	GRADE: GRP NRF90R, GRP NRF75R (HT 555 RC), GRP NRF65R (HT 555 RC), GRP NRM60R (HT 444 RC), GRP NRS40R (GR SF RC), GRP NRF40R (GR 555 RC), GRP NRM35R (GR 444 RC), GRP NRC25R (RT SLAB RC) UHT-555, HT-555, GR-555

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

1.2.1. Relevant identified uses

Production of Articles in Rubber.

1.2.2. Uses advised against

Advice against other uses

1.3. Details of the supplier of the safety data sheet

Supplier:	GRP Ltd.- Formerly known as Gujarat Reclaim & Rubber Products Ltd.
Address:	510, A Wing, Kohinoor City Commercial – I Kirol Road, Off: L.B.S Marg, Kurla (W), Mumbai – 400070.
Telephone:	+91 2267082500
Fax:	+91 2267082599
E-mail:	sunil.dolia@grpweb.com / raju.modi@grpweb.com

Only Representative (OR) Details	REACH ONLY REPRESENTATIVE GmbH
Contact Person	Wilhelm Pflieger
Address:	Paul Gerhardt-Str.1, D-52702 Aachen, Germany.
Telephone:	+49 711 27311-170
E-mail:	wilhelm.pflieger@intertek.com

importer:	MILIN ENVIRONMENTAL INC
Address:	138, First Ave West, Simcoe, ON., CANADA N3Y 4K8
Telephone:	Tel: +1 (519) 426-0110 or in EMERGENCY ONLY: +1 (519) 755-4904
Fax:	Fax +1 (519) 426-0230
Email:	pmitchell@milincorp.com

1.4. Emergency telephone number

Country	Advisory body	Address	Emergency number
All EU Countries	European Emergency Number Association	Avenue de la Toison d'Or, 79 1060 Brussels, Belgium	112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

Other adverse physicochemical, human health and environmental effects

No reliable data available.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Not applicable

Safety Data Sheet

According to Regulation (EC) No. 453/2010

2.3. Other hazards

No reliable data available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	CAS No.	EC No.	Index No.	REACH No.	% wt/wt	Classification according to CLP	Classification according to DSD
Natural Rubber	9006-04-6	--	--	Exempted due to agricultural product	45	--	--
Carbon black	1333-86-4	215-609-9	-	01-2119384822-32-0052	26	Not classified	Not classified
Poly butadiene	9003-17-2	--	--	Exempted from Registration as it is polymer	5	--	--
Hydrated Aluminum Silicate (Kaolin)	1332-58-7	310-194-1	-	Exempted from Registration due to its presence in Annex V	3.5	Not classified	Not classified
Residual Oils (petroleum, Solvent refine)	64742-01-4	265-101-6	-	17-2119921905-35-0000	7.5	Not classified	Not classified
Lubricating oils (petroleum), C20-5-, hydrotreated neutral based, high viscosity	72623-85-9	276-736-3	-	17-2119921918-28-0000	7.5	Not classified (as IP 346 < 3%; > 20.5 mm ² /s @ 40°C)	Not classified
Calcium carbonate	471-34-1	207-439-9	-	Impurity < 20%	4.0	Not classified	Not classified
Sulfur	7704-34-9	231-722-6	016-094-00-1	Impurity < 20%	0.5	Skin Irritation category 2;H315	Xi; R38
Zinc oxide	1314-13-2	215-222-5	030-013-00-7	Impurity < 20%	0.5	Aquatic Acute 1;H400	N; R50-53
Silica, vitreous	60676-86-0	262-373-8	-	Impurity < 20%	0.5	Eye irritation (Category 2) Specific target organ toxicity - single exposure (Category 3) Specific target organ toxicity - repeated exposure (Category 2), Lungs	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

Skin contact: Immediately wash with plenty of soap and water. Get medical attention if irritation occurs.

Eye contact: Immediately flush eyes with running water for at least 20 minutes holding eyelids open. Get medical attention.

Ingestion: Do not induce vomiting. Give 1-2 glasses of water to a conscious victim. Never give anything by mouth to an unconscious victim. Get medical attention.

Advice for the doctor: Symptomatic treatment.

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

No data available.

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

No reliable data available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Safety Data Sheet

According to Regulation (EC) No. 453/2010

Foam.
Dry chemical powder.
Carbon dioxide.
BCF(Where regulations permit)

5.2. Special hazards arising from the substance or mixture

Fire/explosion hazard: Emits toxic fumes under fire conditions.
Main combustion gas: carbon monoxide, carbon dioxide gases and oxides of sulfur.

5.3. Advice for firefighters

Alert Fire Brigade and tell them location and nature of hazard.
Wear breathing apparatus plus protective gloves.
Prevent, by any means available, spillage from entering drains or water courses.
Use water delivered as a fine spray to control fire and cool adjacent area.
DO NOT approach containers suspected to be hot.
Cool fire exposed containers with water spray from a protected location.
If safe to do so, remove containers from path of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Wear suitable protective equipment.

6.1.2. For emergency responders

Remove ignition sources and provision of sufficient ventilation, evacuate the danger area and consult experts.

6.2. Environmental precautions

Take precautions to prevent entry into waterways, sewers, or surface drainage systems. Dispose according to local or international regulations.

6.3. Methods and material for containment and cleaning up

Use appropriate tools to put the spilled solid in suitable container for recovery or disposal, avoid raising dust.

6.4. Reference to other sections

Personal Protective Equipment advice is contained in Section 8 of the MSDS

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid ingestion, inhalation, skin and eye contact. Minimize dust generation and accumulation. Handle in accordance with good industrial hygiene practice and any legal requirements.

7.2. Conditions for safe storage, including any incompatibilities

Suitable container: Packing as supplied by manufacturer, lined metal drum. Lined metal safety cans.
Storage incompatibility: Avoid reaction with oxidizing agents.

7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

At this time no TLV has been established, even though this material may produce adverse health effects (as evidenced in animal experiments or clinical experience). Airborne concentrations must be maintained as low as is practically possible and occupational exposure must be kept to a minimum.

Substance	Carbon black
CAS No.	1333-86-4

	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia		3		
Austria				
Belgium		3,5		
Canada - Ontario		3,5		

Safety Data Sheet

According to Regulation (EC) No. 453/2010

Canada - Québec	3,5	
Denmark	3,5	7,0
European Union		
France	3,5	
New Zealand	3	
Singapore	3,5	
Spain	3,5	
Sweden	3	
USA - NIOSH	3,5 (1)	
USA - OSHA	3,5	
United Kingdom	3,5	7

Substance	Kaolin
CAS No.	1332-58-7

	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia		10 (1)		
Austria				
Belgium		2		
Canada - Ontario		2 (1,2)		
Canada - Québec		5		
Denmark		2 respirable aerosol		4 respirable aerosol
European Union				
France		10 respirable aerosol		
New Zealand		10 (1)		
		2 (2)		
Singapore		2 respirable aerosol		
Switzerland		3 respirable aerosol		
The Netherlands				
USA - NIOSH		10 total dust		
		5 respirable fraction		
USA - OSHA		15 total dust		
		5 respirable dust		
United Kingdom		2 respirable aerosol		

8.2. Exposure controls

Appropriate engineering controls Use: process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

General Personal Protection: Safety goggles or face shield, protective chemical resistant gloves, protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid
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Safety Data Sheet

According to Regulation (EC) No. 453/2010

Colour:	Black
Odour:	No data available
Oduour threshold	No data available
pH:	Not applicable
Melting point:	Not applicable
Boiling point:	No data available
Flash point:	126°C
Evapotation rate:	Not applicable
Flammability:	No data available
Explosive limits:	No data available
Vapour pressure:	Not applicable
Relative density:	No data available
Solubility(ies):	Insoluble
Partition coefficient: n-octanol/water:	No data available
Auto/self-ignition temperature:	413°C
Viscosity:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available

9.2. Other information

No additional data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

See section 7.2

10.2. Chemical stability

Stable: Up to 100°C.

10.3. Possibility of hazardous reactions

See section 7.2

10.4. Conditions to avoid

Fire, Heat; Strong acid, alkali and oxidizing agents.

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

Thermal decomposition products: Flammable Hydrocarbons.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity:	No data available
Skin corrosion/irritation:	No data available
Serious eye damage/irritation:	No data available
Respiratory or skin sensitisation:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
☐ Reproductive toxicity:	No data available
Specific target organ toxicity (single exposure):	No data available
Specific target organ toxicity (repeated exposure):	No data available
Aspiration hazard:	No data available

SECTION 12: Ecological information

12.1. Toxicity

Acute (short-term) toxicity:

No data available

Chronic (long-term) toxicity:

No data available

12.2. Persistence and degradability

: No data available

Safety Data Sheet

According to Regulation (EC) No. 453/2010

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal: Observe specific national regulation.

Contaminated packaging: Contaminated, empty containers must be disposed of as chemical waste.

SECTION 14: Transport information

Land transport (ADR / RID / GGVSE)

14.1 UN number	No data available	14.4 Packing group	No data available
14.2 UN proper shipping name	No data available	14.5 Environmental hazard	No relevant data
14.3 Transport hazard class(es)	No data available	14.6. Special precautions for user	No data available

Air transport (ICAO-IATA / DGR)

14.1 UN number	No data available	14.4 Packing group	No data available
14.2 UN proper shipping name	No data available	14.5 Environmental hazard	No relevant data
14.3 Transport hazard class(es)	No data available	14.6 Special precautions for user	No data available

Sea transport (IMDG-Code / GGVSee)

14.1 UN number	No data available	14.4 Packing group	No data available
14.2 UN proper shipping name	No data available	14.5 Environmental hazard	No data available
14.3 Transport hazard class(es)	No data available	14.6 Special precautions for user	No data available

Inland waterways transport (ADNR/River Rhine)

14.1 UN number	No data available	14.4 Packing group	No data available
14.2 UN proper shipping name	No data available	14.5 Environmental hazard	No data available
14.3 Transport hazard class(es)	No data available	14.6 Special precautions for user	No data available

14.7. Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code

No data available

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

This safety data sheet is in compliance with the following EU legislation and its adaptations – as far as applicable - 67/548/EEC, 1999/45/EC, Regulation (EC) No 1272/2008, Regulation (EC) No. 453/2010; Regulation (EC) No 1907/2006, 98/24/EC, 92/85/EEC, 94/33/EC, 91/689/EEC and 1999/13/EC.

Safety Data Sheet

According to Regulation (EC) No. 453/2010

15.1.2. International/National regulations

No data available.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance by the supplier.

SECTION 16: Other information

16.1 Indication of changes

No data available

16.2 Key literature references and sources for data

ESIS (European chemical Substances Information System), <http://esis.jrc.ec.europa.eu/>

- REACH registered chemicals, http://echa.europa.eu/chem_data_en.asp

- IFA GESTIS - International limit values for chemical agents - occupational exposure limits (OELs), http://www.dguv.de/ifa/en/gestis/limit_values/index.jsp

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.