

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:	RUBBER CRUMB
OTHER MEANS OF IDENTIFICATION:	Recycled Ground Rubber
RECOMMENDED USE:	Oilwell drilling fluid additive
RESTRICTIONS ON USE:	None known
SUPPLIER IDENTIFIER:	Di-Corp 8750-53 Ave Edmonton, AB T6E 5G2 780-440-4923
EMERGENCY PHONE NUMBER:	780-468-4064 (24 hr)

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION:	Not hazardous
LABEL SYMBOLS:	Not applicable
SIGNAL WORD:	Not applicable
CLASSIFICATION INFORMATION:	Not applicable
PRECAUTIONARY STATEMENTS:	Not applicable
OTHER HAZARDS:	None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Styrene – butadiene copolymer	9003-55-8	60 – 100% (p/p)
<i>May also contain: Naphthenic / aromatic extender oil; carbon black; talc; zinc oxide; and sulphur.</i>		

SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	If irritation develops wash thoroughly with water and soap.
EYE CONTACT:	Immediately flush with gently flowing warm water until particles are dislodged. Obtain medical attention if irritation persists.
INGESTION:	Rinse mouth. Obtain medical attention if symptoms develop.
INHALATION:	No first aid measures required. If symptoms develop obtain medical attention.
MOST IMPORTANT SYMPTOMS / EFFECTS:	No known acute or chronic health effects.
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:	Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Water, carbon dioxide, alcohol foam or sand.
UNSUITABLE EXTINGUISHING MEDIA:	Do not use heavy water stream.
SPECIFIC FIRE HAZARDS:	Combustible at high temperatures releasing toxic fumes.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon, oxides of sulfur, oxides of nitrogen, hydrocarbons and other toxic fumes will be released under combustion.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Self-contained breathing apparatus required for fire-fighting personnel. Move from fire area or cool with water spray if possible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear appropriate safety gear including eye and respiratory protection. Contain spilled material for disposal or recycling. Release of powdered rubber into the environment may cause particulate to form an explosive mixture in air. If release of rubber crumb results in the formation of dust, remove all sources of heat and ignition.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Collect dry material by sweeping and shoveling. If sweeping is necessary, use dust suppression such as water. Do not use compressed air for cleanup. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Flush spill area thoroughly with water.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Minimize dust formation when handling. Ground all transfer and storage equipment and use only non-sparking tools and equipment. Wash hands thoroughly after handling and before eating, drinking, using tobacco products or using the restroom.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool dry place away from sources of heat and oxidizers.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

Not established. Local nuisance dust levels apply.

ENGINEERING CONTROLS:

If user operations generate dust use process enclosure, local exhaust ventilation or other engineering controls to keep worker exposure below limits.

PERSONAL PROTECTIVE MEASURES

RESPIRATORY PROTECTION:

Under normal conditions of use respiratory protection is not necessary. Use a properly fitted particulate filter respirator complying with an approved standard if airborne concentrations exceeds TLV or if a risk assessment indicates this is necessary.

PROTECTIVE GLOVES:

Leather or rubber gloves recommended.

EYE PROTECTION:

Safety glasses with side-shields.

OTHER PROTECTIVE EQUIPMENT (SPECIFY):

As supplied, the extender oil is bound in a rubber matrix and exposure to skin would only be trace quantities, or less. For employees having prolonged contact with this product, care should be taken to minimize exposure by preventing contact with the skin. Wear protective clothing to prevent contact. Although not required it is recommended that an eyewash station and safety shower be available wherever chemical products are being handled.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Black powder or granules.

ODOUR:

Mild rubber.

ODOUR THRESHOLD:

Not available

pH:

Not available

MELTING POINT / FREEZING POINT:

Not available

BOILING POINT / RANGE:

Not available

FLASH POINT:

Not applicable

EVAPORATION RATE:

Not applicable

FLAMMABILITY:

Not applicable

FLAMMABILITY / EXPLOSIVE LIMITS:

Not applicable

VAPOUR PRESSURE:

Not applicable

VAPOUR DENSITY:

Not applicable

RELATIVE DENSITY:	0.95 – 1.4
SOLUBILITY:	Insoluble in water
PARTITION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	370 – 450°C
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not applicable

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Not reactive.
CHEMICAL STABILITY:	Stable.
POSSIBILITY OF HAZARDOUS REACTIONS:	None under normal conditions of use.
CONDITIONS TO AVOID:	Avoid creating dust clouds, ignition sources and incompatible materials.
INCOMPATIBLE MATERIALS:	Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon, 1,3-butadiene, styrene monomer, hydrogen, hydrogen sulfide, pentadiene, benzene, xylene, carbon, ash, oxides of sulfur, oxides of nitrogen, zinc oxide and numerous unidentified organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	Not available.
SKIN CONTACT:	Non-irritating to intact skin. Minor irritation may occur on abraded skin.
EYE CONTACT:	Contact with the eyes will cause general irritation such as occurs when a foreign object enters the eye. Redness, itching and tearing may result.
INGESTION:	Not toxic as supplied.
INHALATION:	Dust may cause irritation including coughing and sneezing.
CARCINOGENICITY:	This product may contain trace amounts of the following chemicals which are considered carcinogenic: Carbon Black; Naphthenic/aromatic extender oils and nitrosamines.
TERATOGENICITY:	No evidence of teratogenicity.
REPRODUCTIVE TOXICITY:	No evidence of reproductive toxicity.
MUTAGENICITY:	No evidence of mutagenicity.
CHRONIC TOXICITY:	None known.
TARGET ORGAN EFFECTS:	None.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	Not available
PERSISTENCE AND DEGRADABILITY:	Not available.
BIOACCUMULATIVE POTENTIAL:	Not available.
MOBILITY IN SOIL:	Not available.
OTHER ADVERSE EFFECTS:	Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, provincial and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal.

SECTION 14: TRANSPORTATION INFORMATION

TDG	Not regulated
DOT	Not regulated
IATA	Not regulated
IMDG	Not regulated
UN NUMBER:	Not applicable
PROPER SHIPPING NAME:	Not applicable
CLASS:	Not applicable
PACKING GROUP:	Not applicable
IMDG HAZARDS:	Not a marine pollutant
BULK TRANSPORT:	Not regulated
SPECIAL PRECAUTIONS:	None

SECTION 15: REGULATORY INFORMATION

DSL:	Not available.
WHMIS CLASS:	Not controlled.
TSCA:	Not available.

SECTION 16: OTHER INFORMATION

REVISION DATE:	January 29, 2019
REPLACES:	February 21, 2018

The information contained herein is given in good faith, but no warranty, expressed or implied, is made.