

RUSFRE®RUSFRE
604 McGEACHIE DRIVE
MILTON, ONTARIO, L9T 3Y5**PRODUCT: RF1004-125B TRUCK BED KIT 4.7L BLACK W/ 1004-30PAB&1004-40PB****SECTION 01: IDENTIFICATION**

Initial supplier identifier..... RUSFRE
604 McGeachie Drive
Milton
Ontario
L9T 3Y5

Product identifier..... RF1004-125B TRUCK BED KIT 4.7L BLACK W/ 1004-30PAB&1004-40PB

Recommended use and restrictions on use .
Paints.

Chemical family..... Acrylic coating.

NFPA rating..... Health: 2 Fire: 3 Reactivity: 0.

HMIS..... H: 2 F: 3 R: 0.

24 hour emergency number..... For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC);
IN THE UNITED STATES CALL CHEMTREC 1-800-424-9300.
** For medical emergencies contact your local poison control centre **.

SECTION 02: HAZARD IDENTIFICATION

Signal Word..... DANGER.

Hazard Classification..... Flammable Liquid 2. Skin Irritation — Category 2. Skin Sensitizer — Category 1. Eye Irritation — Category 2A. Carcinogenicity — Category 2. Reproductive Toxicity — Category 2.

Hazard Description..... H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H351 This product contains ingredients that are suspected of causing cancer. H361 Suspected of damaging fertility or the unborn child.

Prevention..... P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion proof equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves and eye protection.

Response P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower . P305 + P351 + P338 If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing until medical help arrives. P337 + P313 - If eye irritation persists get medical attention. P302 + P352 - If on skin: wash with plenty of water. P362 + P364 - Take off contaminated clothing and wash before reuse. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P308 + P313 If exposed or concerned, get medical advice/attention. P321 - For specific treatment see section 4 on this SDS.

Storage..... P405 Store locked up. P403 + P235 Store in well ventilated area. Keep cool.

Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

Note This product mixture has been classified based on its ingredients.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Acetone	67-64-1	5-10
Propylene Glycol Monomethyl Ether Acetate	108-65-6	5-10
4-Chlorobenzotrifluoride	98-56-6	5-10

PRODUCT: RF1004-125B TRUCK BED KIT 4.7L BLACK W/ 1004-30PAB&1004-40PB

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

tert-Butyl acetate	540-88-5	5-10
n-Butyl Acetate	123-86-4	2-8
Solvent Naphtha, Light Aromatics	64742-95-6	1-5
1,2,4-Trimethylbenzene	95-63-6	1-5
Methyl Isobutyl Ketone	108-10-1	1-3
Xylene	1330-20-7	<3
Carbon Black	1333-86-4	0.5-1.5
Dibutyltin Bis (Acetylacetonate)	22673-19-4	0.1-1
Ethylbenzene	100-41-4	<0.5
Bis (1,2,2,6,6- Pentamethyl-4- Piperidyl) Sebacate	41556-26-7	<0.5

SECTION 04: FIRST-AID MEASURES

Eye contact.....	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Obtain medical attention.
Skin contact.....	Remove all contaminated clothing and immediately wash the exposed areas with copious amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas. If irritation persists, seek medical attention.
Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.
Ingestion.....	If ingestion is suspected, contact physician or poison control center immediately. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, whether acute or delayed	Harmful if swallowed, in contact with skin or if inhaled. Causes skin and eye irritation. Can cause skin sensitization. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation.
Additional information.....	Treat victims symptomatically. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable and unsuitable extinguishing media	"Alcohol" foam, CO ₂ , dry chemical. Do not use water in a jet.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Oxides of carbon (CO, CO ₂). Hydrocarbon fumes and smoke.
Special protective equipment and precautions for fire-fighters	Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Solvent vapours may be heavier than air and may build up and travel along the ground to an ignition source, which may result in a flash back to the source of the vapours. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak/spill.....	Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Shovel into suitable unsealed containers, transport to well-ventilated area (outside) and treat with neutralizing solution: mixture of water (80%) with non-ionic surfactant Tergitol TMN-10 (20%); or water (90%), concentrated ammonia (3-8%) and detergent (2%).
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SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....	Keep away from heat, sparks, and open flame. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Avoid breathing vapours or mist. Ground handling equipment. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Handle and open container with care. Employees should wash hands and face before eating or drinking.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight.

PRODUCT: RF1004-125B TRUCK BED KIT 4.7L BLACK W/ 1004-30PAB&1004-40PB

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Acetone	250 ppm TLV	500 ppm	1,000 ppm	Not established	250 ppm
Propylene Glycol Monomethyl Ether Acetate	Not established	Not established	Not established	Not established	Not established
4-Chlorobenzotrifluoride	Not established	Not established	Not established	Not established	Not established
tert-Butyl acetate	200 ppm	Not established	200 ppm	Not established	200 ppm
n-Butyl Acetate	50 ppm	150 ppm	150 ppm	200 ppm	150 ppm / STEL 200 ppm
Solvent Naphtha, Light Aromatics	Not established	Not established	500 ppm (2000 mg/m3) TWA	Not established	350 mg/m3 TWA
1,2,4-Trimethylbenzene	25 ppm	Not established	Not established	Not established	25 ppm
Methyl Isobutyl Ketone	50 ppm	75 ppm	100 ppm	Not established	50 ppm / STEL 75 ppm
Xylene	50 ppm	150 ppm	100 ppm TWA	Not established	Not established
Carbon Black	3.5 mg/m3	Not established	3.5 mg/m3	Not established	3.5 mg/m3
Dibutyltin Bis (Acetylacetonate)	Not established	Not established	Not established	Not established	Not established
Ethylbenzene	100 ppm	125 ppm	100 ppm	Not established	100 ppm / STEL 125 ppm
Bis (1,2,2,6,6-Pentamethyl-4-Piperidyl) Sebacate	Not established	Not established	Not established	Not established	Not established

Personal Protective Equipment

Eye/type..... Chemical safety goggles. Chemical safety goggles and full faceshield if splash hazard exists.

Gloves/ type..... Chemical resistant gloves.

Clothing/type..... Wear adequate protective clothes.

Footwear/type..... Safety boots per local regulations.

Respiratory/type..... Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.

Other/type..... Emergency showers and eye wash stations should be available.

Appropriate engineering controls..... Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Local mechanical exhaust ventilation should be used at sources of air contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state..... Liquid.

Colour..... Black.

Odour..... Characteristic odour.

Odour threshold (ppm)..... Not available.

Vapour pressure (mm Hg)..... Not available.

Vapour density (air=1)..... >1.

pH..... Not applicable.

Relative Density (Specific Gravity)..... 9.89 lbs/USG; 1.185.

Melting / Freezing point (deg C)..... No data.

Solubility..... No data.

Initial boiling point / boiling range (deg C)..... > 56 C.

Evaporation rate..... Not available.

Flash point (deg C), method..... -18 C. (estimate; lowest flash point ingredient).

Auto ignition temperature (deg C)..... >200.

Upper flammable limit (% vol)..... 12.6.

Lower flammable limit (% vol)..... 0.9.

Partition coefficient — n-octanol/water..... Not available.

VOC..... 249.2 g/l - 2.08 lb/usg.

Viscosity..... 10000 cps Brookfield # 5 spindle @ 20 rpm .

PRODUCT: RF1004-125B TRUCK BED KIT 4.7L BLACK W/ 1004-30PAB&1004-40PB**SECTION 10: STABILITY AND REACTIVITY**

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity	Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
Possibility of hazardous reactions.....	Will not occur under normal temperature and pressure.
Conditions to avoid, including static discharge, shock or vibration	Keep away from heat. Incompatible with strong oxidizers.
Hazardous decomposition products.....	Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Acetone	50,100 mg/m ³ 8 hours rat inhalation	5,800 mg/kg rat oral
Propylene Glycol Monomethyl Ether Acetate	Not Available	8,532 mg/kg (rat oral) >5,000 mg/kg (rabbit dermal)
4-Chlorobenzotrifluoride	4479 ppm	>6,800 mg/kg rat oral; >2,700 mg/kg rabbit dermal
tert-Butyl acetate	>2,230 mg/m ³ 4 hours rat	4,100 mg/kg rat oral >2,000 mg/kg rabbit dermal
n-Butyl Acetate	390 ppm (4 hr.)	10768 mg/kg (rat oral) 17600 mg/kg (rabbit dermal)
Solvent Naphtha, Light Aromatics	5.2 mg/L 4 hours, rat 3400 ppm 4 hours, rat	>5,000 mg/kg rat oral >2,000 mg/kg rabbit dermal
1,2,4-Trimethylbenzene	>2,000 ppm 48 hours rat	3,280 mg/kg rat oral
Methyl Isobutyl Ketone	8.2 - 16.4 mg/L 4 hours rat	2080 mg/kg rat oral >16,000 mg/kg rabbit dermal
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Carbon Black	Not available	>10,000 mg/kg oral rat 3,000 mg/kg dermal rabbit
Dibutyltin Bis (Acetylacetonate)	Not Available	1864 mg/kg (oral, rat)
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal
Bis (1,2,2,6,6- Pentamethyl-4- Piperidyl) Sebacate	Not Available	2369-3920 mg/kg oral rat >2000 mg/kg dermal rabbit
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	The aromatic hydrocarbon solvents in this product can be irritating to the eyes, nose and throat. In high concentration, they may cause central nervous system depression and narcosis characterized by nausea, lightheadedness and dizziness from overexposure by inhalation.	
Effects of chronic exposure.....	Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Contains an ingredient which caused reproductive effects in rats after repeated application of large amounts to skin. These effects have not been reported in humans. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal .	
Skin contact.....	Can cause moderate irritation, defatting and dermatitis.	
Skin absorption.....	Chronic skin exposure to solvents may cause effects similar to those identified under chronic inhalation.	
Eye contact.....	Can cause redness, irritation, tissue destruction.	
Inhalation (acute).....	Solvent vapours may be irritating to the eyes, nose and throat, resulting in redness, burning and itching of eyes, dryness of the throat and tightness in the chest. Breathing of high vapour concentrations may cause anesthetic effects and serious health effects.	
Inhalation (chronic).....	Chronic exposure to organic solvent vapors have been associated with various neurotoxic effects including permanent brain and/or nervous system damage, kidney, liver, blood damage and reproductive effects among women. Symptoms may include nausea, vomiting, abdominal pain, headache, impaired memory, loss of coordination, insomnia and breathing difficulties. Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, nausea and asphyxiation.	
Ingestion.....	May be harmful or fatal if swallowed. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.	

PRODUCT: RF1004-125B TRUCK BED KIT 4.7L BLACK W/ 1004-30PAB&1004-40PB**SECTION 11: TOXICOLOGICAL INFORMATION**

Carcinogenicity of material.....	Methyl Isobutyl Ketone is possibly carcinogenic to humans (IARC Group 2B). IARC has classified Carbon Black as "Group 2B", possibly carcinogenic to humans, based on laboratory animal inhalation studies. Ethylbenzene is classified as an A3 known animal carcinogen. Ethylbenzene is known to the state of California to cause cancer and developmental effects and is listed by IARC as a Group 2B Carcinogen.
Reproductive effects.....	High level exposure to Xylene in some animal studies have been reported to cause health effects on the developing embryo/fetus. The relevance of this to humans is not known. Dibutyltin bis(acetylacetonate);. May cause adverse effects.
Sensitizing capability of material.....	May cause sensitization by skin contact. Ethylbenzene is a possible skin sensitizer.

SECTION 12: ECOLOGICAL INFORMATION

Environmental.....	Do not allow to enter waters, waste water or soil.
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SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal and methods of disposal, including any contaminated packaging	Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations. Empty containers must be handled with care due to product residue.
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SECTION 14: TRANSPORT INFORMATION

TDG Classification.....	UN1139 - COATING SOLUTION - Class 3 - Packing Group II - This product meets the limited quantity exemption when packaged in containers less than 5 Litres.
DOT Classification (Road).....	UN1139 - COATINGS SOLUTION - Class 3 - Packing Group II . Ltd Qty (1 Liter/0.26 Gallons). Refer to 49CFR 172.101 for additional non-bulk packaging requirements.
IATA Classification (Air).....	UN1139 - COATING SOLUTION - Class 3 - Packing Group II . Limited Quantity. Do not ship by air without checking appropriate IATA regulations.
IMDG Classification (Marine).....	UN1139 - COATING SOLUTION - Class 3 - Packing Group II - EmS: F-E S-E. Limited Quantity. Check IMDG regulations for limited quantity exemptions.
Marine Pollutant.....	Potential marine pollutant.
Proof of Classification.....	In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct. .

SECTION 15: REGULATORY INFORMATION

CEPA status.....	Contains ingredient(s) not on the DSL.
TSCA inventory status.....	All components are listed.
OSHA.....	This product is considered hazardous under the OSHA Hazard Communication Standard.
SARA Title III Section 302 - extremely hazardous substances	None.
Section 311/312 - hazard categories.....	Immediate health, delayed health, fire hazard.
Section 313.....	Methyl Isobutyl Ketone. 1,2,4-Trimethylbenzene. Xylene. Ethylbenzene.
EPA hazardous air pollutants (HAPS) 40CFR63	Ethylbenzene. Methyl Isobutyl Ketone. Toluene. Xylene.
California Proposition 65.....	*** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause birth defects or other reproductive harm. (Methyl Isobutyl Ketone (D)). (Toluene). *** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause cancer . (Carbon black - airborne, unbound particles of respirable size). (Silica, crystalline (airborne particles of respirable size). (Ethyl benzene). (Methyl Isobutyl Ketone (C)). For more information, go to www.P65Warnings.ca.gov .

SECTION 16: OTHER INFORMATION

Prepared by:	REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com .
Telephone number:.....	(800) 387-7981.
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