

**Global Parts Order Processing  
Material Safety Data Sheet  
SELKIRK CHRYSLER (MB) LTD.**

March 14, 2013  
15:18

C H R Y S L E R  
HAZARD COMMUNICATION SHEET

115514  
EFFECTIVE DATE : 07/18/12

PART/COMMTY CD: 0VU01508  
SUPPLIER: 47823 MFGR: 09300  
STANDARD: N/AV

\*\*\* SECTION 01 - PRODUCT INFORMATION \*\*\*

MFG BY: SERVICE AND PARTS CHRYSLER CANADA LTD  
GENERAL OFFICE 2540 - CHRYSLER CTR WINDSOR,ONT N9A4H6 CANADA  
EMERGENCY PHONE: 248-512-8002 AFTER HOURS: 248-576-8888  
DIST BY: SERVICE AND PARTS CHRYSLER CANADA LTD  
GENERAL OFFICE 2540 - CHRYSLER CTR WINDSOR,ONT N9A4H6 CANADA  
EMERGENCY PHONE: 248-512-8002 AFTER HOURS: 248-576-8888  
CHRYSLER INDUSTRIAL HYGIENE: 248-512-8260 AFTER HOURS: 248-576-8888  
BRAND NAME: AUTOPAR GASKET SEALING COMPOUND  
MFG ID : MSDS #00002031  
DESCRIPTION: ADHESIVE-BODY & TRIM  
PRODUCT IDENTIFICATION NUMBER(PIN): UN1950

\*\*\* SECTION 02 - INGREDIENTS \*\*\*

HAZARDOUS INGREDIENTS: PERCENT CHRYSLER  
COMM NAME / CAS NO & CHEM NAME: BY WGT TWA STEL CEIL UNITS NOTATIONS  
\*\*\*EXISTING INGREDIENTS\*\*\*  
TOLUENE 10-30 50 150 N/AP PPM  
000108-88-3 BENZENE, METHYL- (9CI) LD50: 5000.000MG/KG ORL RAT  
IDLH: 500 PPM LC50: 7523.620PPM IHL MUS  
ACETONE 10-30 750 1000 N/AP PPM  
000067-64-1 ACETONE LD50: 5800.000MG/KG ORL RAT  
IDLH: 2500 PPM LC50: 70852.100MG/M3 IHL RAT  
HEXANE (8CI9CI) 10-30 50 N/AP N/AP PPM S  
000110-54-3 HEXANE (8CI9CI) LD50: 28710.000MG/KG ORL RAT  
IDLH: 1100 PPM LC50: N/AV N/AV N/A N/A  
DIMETHYL ETHER 10-30 1000 N/AV N/AV PPM  
000115-10-6 METHANE, OXYBIS- (9CI) LD50: N/AV N/AV N/A N/A  
IDLH: N/AV LC50: 177.940PPM IHL MUS  
N-PROPANE 5-10 1000 N/AP N/AP PPM  
000074-98-6 PROPANE (8CI9CI) LD50: N/AV N/AV N/A N/A  
IDLH: 2100 PPM LC50: N/AV N/AV N/A N/A  
ISOPROPYL ALCOHOL 1-5 400 500 N/AP PPM  
000067-63-0 2-PROPANOL (9CI) LD50: 5045.000MG/KG ORL RAT  
IDLH: 2000 PPM LC50: N/AV N/AV N/A N/A  
XYLENE 1-5 100 150 N/AP PPM  
001330-20-7 BENZENE, DIMETHYL- (9C LD50: 4300.000MG/KG ORL RAT  
IDLH: 1000 PPM LC50: 5000.000PPM IHL RAT  
ISOBUTANE 5-10 N/AP N/AP N/AP N/AP

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000075-28-5 PROPANE, 2-METHYL- (8C LD50: N/AV N/AV N/A N/A  
IDLH: N/AP LC50: N/AV N/AV N/A N/A  
GENERIC DESC: AEROSOL GASKET SEALER CONTAINING TOLUENE, ACETONE, HEXANE,  
PROPANE ALONG WITH ALCOHOLS, ETHER & OTHER HYDROCARBONS.  
FOR EXPLANATION OF "NOTATIONS", SEE THE HAZARD COMMUNICATION SHEET  
EXPLANATIONS PAGE.  
CONSULT LOCAL AUTHORITIES FOR ACCEPTABLE EXPOSURE LIMITS.

\*\*\* SECTION 03 - PHYSICAL DATA \*\*\*

BOILING POINT : 13 TO 43 C SOLUB IN WATER: NEGLIGIBLE ( < 0.1% )  
VAPOR PRESSURE: 60 MM HG AT 20 C EVAP. RATE: > 1.000 REF: BUTYLACETATE  
VAPOR DENSITY : > 1.000 AT SPECIFIC GRAVITY: 0.830 AT  
PH AT FULL STRENGTH: N/AP PH AT REC. DILUT: N/AV  
%VOLATILE BY VOL : N/AV VOLATILE ORGANIC COMP: N/AV N/AV  
ODOR THRESHOLD: N/AV PPM FOR % POPULATION  
FREEZING POINT: N/AV COEFF. OF WATER/OIL DIST: N/AV  
APPEARANCE & ODOR: COLOR: COLORLESS..... STATE: LIQUID..... FORM: SPRAY OR  
AEROSOL..... WITH THE FOLLOWING: ODOR: SOLVENT.....

\*\*\* SECTION 04 - FIRE AND EXPLOSION DATA \*\*\*

FLASH POINT: < -17 C TCC IGN TEMP: > 465 C LEL: 1.000% UEL: 18.000%  
SPECIAL FIRE & EXPLOSION HAZARDS:

EXTREMELY FLAMMABLE. ESCAPING VAPORS MAY CAUSE FLASH FIRE AND MAY IGNITE  
EXPLOSIVELY. CONTENTS UNDER PRESSURE. MAY EXPLODE IF EXPOSED TO HEAT OR  
FLAME. KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL  
EQUIPMENT, SPARKS AND OPEN FLAME. CLOSED CONTAINER MAY EXPLODE WHEN EXPOSED  
TO EXTREME HEAT. APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS.  
NEVER USE WELDING OR CUTTING TORCH ON OR NEAR CONTAINER (EVEN EMPTY) BECAUSE  
PRODUCT (OR RESIDUE) CAN IGNITE EXPLOSIVELY. MIST OR AEROSOL ACCUMULATIONS  
MAY FLASH IF IGNITED. MAY REACT WITH OXIDIZERS. VAPOR/GAS IS HEAVIER THAN  
AIR AND MAY TRAVEL ALONG THE GROUND OR BE MOVED BY VENTILATION AND CAUSE  
FLASH FIRES OR BE IGNITED EXPLOSIVELY BY PILOT LIGHTS, OTHER FLAMES, SPARKS,  
HEATERS, SMOKING, ELECTRIC MOTORS, OR OTHER SOURCES OF IGNITION AT LOCATIONS  
DISTANT FROM THE MATERIAL HANDLING POINT. MAY PRODUCE TOXIC THERMAL  
DECOMPOSITION PRODUCTS.

EXTINGUISHING MEDIA:

CARBON DIOXIDE, DRY CHEMICAL OR FOAM.

SPECIAL FIREFIGHTING PROCEDURES:

EXPOSURE TO INTENSE HEAT AND DIRECT FLAME MAY RESULT IN PRESSURE BUILD-UP  
IN CONTAINER, CAUSING WEAKENING OR RUPTURING OF THE CONTAINER. IF PRODUCT IS  
OVERHEATED, VAPORS IRRITATING TO THE EYES, NOSE AND THROAT MAY BE RELEASED.  
AVOID BREATHING VAPOR OR FUMES. USE SELF-CONTAINED BREATHING APPARATUS. USE  
PROTECTIVE CLOTHING. USE WATER TO COOL FIRE EXPOSED CONTAINERS. IF A LEAK OR  
SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND TO PROTECT  
PERSONS ATTEMPTING TO STOP A LEAK.

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FLAMMABILITY CONDITIONS:

PRODUCT IGNITES VERY EASILY; HEAT OR FRICTION CAN START A FIRE. VAPORS  
CONCENTRATED IN A CONFINED OR POORLY VENTILATED AREA CAN BE IGNITED ON  
CONTACT WITH A HIGH ENERGY SPARK, FLAME, OR HIGH INTENSITY SOURCE OF HEAT.  
SENSITIVE TO MECHANICAL IMPACT?: NO SENSITIVE TO STATIC DISCHARGE?: YES  
HAZARDOUS COMBUSTION PRODUCTS:

FIRE PRODUCES CARBON MONOXIDE & CARBON DIOXIDE.  
FLAME PROJECTION: > 46 CM FLAMMABILITY: YES

\*\*\* SECTION 05 - REACTIVITY DATA \*\*\*

STABILITY: STABLE

CONDITIONS TO AVOID:

HIGH TEMPERATURE, SPARKS OR OPEN FLAME.

MATERIALS TO AVOID:

STRONG OXIDIZING AGENTS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

POLYMERIZATION CONDITIONS TO AVOID:

POLYMERIZATION WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS:

FIRE PRODUCES CARBON MONOXIDE & CARBON DIOXIDE

\*\*\* SECTION 06 - TOXICOLOGICAL PROPERTIES \*\*\*

EFFECTS OF OVEREXPOSURE-ACUTE & CHRONIC:

<----INHALATION----> VAPOR AND/OR MIST MAY PRODUCE THE FOLLOWING: COUGH  
AND/OR IRRITATION OF UPPER RESPIRATORY TRACT. ACUTE EXPOSURE TO HIGH  
CONCENTRATIONS MAY PRODUCE THE FOLLOWING: LIGHT-HEADEDNESS, GIDDINESS,  
SHORTNESS OF BREATH AND POSSIBLE NARCOSIS. ACUTE EXPOSURE TO HIGH  
CONCENTRATIONS MAY PRODUCE THE FOLLOWING: ACUTE NERVOUS SYSTEM DEPRESSION  
CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING, CONFUSION, UNCONSCIOUSNESS  
OR COMA.. SYMPTOMS ARE MORE LIKELY TO OCCUR IN POORLY VENTILATED AREAS.

<----SKIN CONTACT----> DIRECT CONTACT-LIQUID AND/OR MIST MAY PRODUCE THE  
FOLLOWING: IRRITATION. PROLONGED SKIN EXPOSURE MAY RESULT IN THE FOLLOWING:  
DEFATTING AND DRYING OF SKIN. PROLONGED SKIN EXPOSURE MAY RESULT IN THE  
FOLLOWING: DERMATITIS. MAY BE ABSORBED THROUGH SKIN. SEE SYMPTOMS OF  
OVEREXPOSURE FOR THE FOLLOWING: INHALATION. <----EYE CONTACT----> LIQUID  
AND/OR MIST MAY PRODUCE THE FOLLOWING: IRRITATION AND TEARING.

<----INGESTION----> MAY BE HARMFUL IF SWALLOWED. SEE SYMPTOMS FOR  
INHALATION. MAY CAUSE UPSET STOMACH, NAUSEA, VOMITING AND DIARRHEA.

<----MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY THIS PRODUCT----> LUNG OR  
RESPIRATORY TRACT DISORDERS. PRE-EXISTING KIDNEY DISORDERS. PRE-EXISTING  
LIVER DISORDERS. SKIN DISORDERS. <----SPECIAL TOXICITY----> COMPONENTS HAVE  
BEEN SHOWN TO CAUSE MUTATIONS IN ANIMALS. COMPONENT(S)-MAY PRODUCE THE  
FOLLOWING: DAMAGE TO THE NERVOUS SYSTEM AND/OR BRAIN DAMAGE AND/OR KIDNEY  
DAMAGE THIS MATERIAL INCLUDES A LIGHT PETROLEUM DISTILLATE WHICH MAY CONTAIN  
N-HEXANE. CHRONIC OVEREXPOSURE TO N-HEXANE MAY PRODUCE PERIPHERAL NEUROPATHY

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WHICH IS NERVE DESTRUCTION BEGINNING IN THE HANDS, ARMS, FEET, AND LEGS. STUDIES SUGGEST THAT CHRONIC LOW EXPOSURE TO A MIXTURE OF N-HEXANE AND ACETONE MAY CAUSE PERIPHERAL NEUROPATHY. SUBSTANCE ACTS AS A SIMPLE ASPHYXIAANT-DISPLACES AIR (SYMPTOMS ARE HEADACHE, INCREASED PULSE RATE, INCREASED BREATHING RATE, DIFFICULTY BREATHING, DIZZINESS, RINGING IN EARS, WEAKNESS, FATIGUE UPON EXERTION, BLUE LIPS, AND UNCONSCIOUSNESS). AS OXYGEN LEVELS DROP, THE ABILITY TO THINK CLEARLY IS DIMINISHED; JUDGEMENT IS FAULTY; COORDINATION IS LOST. MAY CAUSE REPRODUCTIVE EFFECTS.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS:

UNKNOWN.

PRODUCT LD50: ORAL	RAT	5000.000	MG/KG
PRODUCT LC50: INHALATION	RAT	8000.000	PPM

\*\*\* SECTION 07 - PREVENTIVE MEASURES \*\*\*

RESPIRATORY PROTECTION:

TO MAINTAIN THE TLV, THE FOLLOWING MAY BE NEEDED: ORGANIC VAPOR RESPIRATOR IF THE ALLOWABLE LIMIT OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, USE THE FOLLOWING: OR IF ADDITIONAL PROTECTION IS NEEDED, THE FOLLOWING IS THE RECOMMENDED TYPE TO USE: AIRLINE RESPIRATOR. IF THE PRODUCT IS USED IN A CONFINED SPACE, THE FOLLOWING MAY BE NEEDED: SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.

VENTILATION TYPE:

THE FOLLOWING MAY BE NEEDED IF SIGNIFICANT VAPORS OR MIST ARE GENERATED:  
LOCAL EXHAUST VENTILATION.

PROTECTIVE GLOVES:

RECOMMENDED. THE FOLLOWING IS USUALLY ADEQUATE: POLYVINYLCHLORIDE (PVC) GLOVES.

EYE PROTECTION:

RECOMMENDED. THE FOLLOWING IS USUALLY ADEQUATE: CHEMICAL GOGGLES.

OTHER PROTECTIVE EQUIP:

ALL SKIN CONTACT MUST BE AVOIDED. PROTECTIVE EQUIPMENT MUST BE WORN AT ALL TIMES DURING PRODUCT USE IF SKIN CONTACT IS POSSIBLE. WEAR LONG SLEEVES. PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE REUSE. TO AVOID PROLONGED SKIN CONTACT, USE THE FOLLOWING: APRON (SAME MATERIAL AS GLOVES) OR CLOTHING (SAME MATERIAL AS GLOVES).

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

ELIMINATE ALL IGNITION SOURCES (FLAMES, HOT SURFACES AND ELECTRICAL, STATIC OR FRICTIONAL SPARKS). AVOID BREATHING VAPORS. VENTILATE AREA. VENTILATE AREA WITH EXPLOSION-PROOF VENTILATION EQUIPMENT. SMALL SPILL-ABSORB ON AN INERT MATERIAL AND REMOVE WITH NON-SPARKING TOOLS. DISCARD INTO SEALED CONTAINERS FOR DISPOSAL. LARGE SPILL-WEAR RESPIRATORY PROTECTION. WEAR PROTECTIVE CLOTHING. CONTAIN WITH EARTH OR SAND TO PREVENT ENTERING DRAINS. ABSORB WITH DIATOMACEOUS EARTH. REMOVE WITH A RUBBER SHOVEL. DISCARD INTO SEALED CONTAINERS FOR DISPOSAL. VENTILATE AREA, ESPECIALLY LOW PLACES WHERE HEAVY VAPOR MIGHT COLLECT. CHECK ATMOSPHERE WITH APPROPRIATE DEVICE BEFORE

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ENTERING AREA.

WASTE DISPOSAL METHODS:

ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS, WATERCOURSES OR EXTENSIVE LAND AREAS. DO NOT INCINERATE. DISPOSE OF IN A MANNER CONSISTENT WITH STATE, PROVINCIAL, LOCAL, AND FEDERAL DISPOSAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

FLAMMABLE. STORE IN A COOL, DRY PLACE. STORE IN A WELL VENTILATED AREA. REACTS WITH OXIDIZERS. STORE SEPARATE FROM INCOMPATIBLE MATERIALS. USE WITH ADEQUATE VENTILATION. KEEP FROM HEAT, SPARK OR OPEN FLAMES. DO NOT INCINERATE. CONTENTS ARE UNDER PRESSURE. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED, SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID). BOND AND GROUND ALL CANS, DRUMS, MIXERS ETC. TO PREVENT STATIC SPARKS. TAKE "NO SMOKING" PRECAUTIONS. ELECTRIC FIXTURES IN THE AREA MUST BE DESIGNED FOR CLASS 1 DIV. 1 OR 2. ALL MOTORIZED TRANSPORTATION SHOULD BE BY CLASS DY OR EE JITNEYS OR HYDRAULICALLY OPERATED BY HAND. PROVIDE APPROVED SAFETY CANS FOR "POINT OF USE" APPLICATION. MATERIAL USAGE SHOULD BE LIMITED TO A ONE SHIFT SUPPLY.

OTHER PRECAUTIONARY MEASURES:

AVOID BREATHING MIST. AVOID BREATHING VAPOR. AVOID SKIN CONTACT. AVOID EYE CONTACT. AVOID INGESTION. STORE ISOLATED FROM COMBUSTIBLE MATERIALS. DO NOT SMOKE OR EAT WHEN HANDLING THIS SUBSTANCE; WASH THOROUGHLY AFTER USING. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. DO NOT APPLY TO HOT SURFACES OR USE IN AREAS WHERE EXPOSED TO ELECTRIC SPARKS. THIS PRODUCT MAY BE HARMFUL IF INHALED--NOT INTENDED FOR BREATHING. PERSONS WITH CHRONIC RESPIRATORY DISEASE MAY SHOW INCREASED SYMPTOMS DUE TO EXPOSURE TO THIS PRODUCT. PERSONS WITH SKIN DISORDERS OR DERMATITIS MAY SHOW INCREASED SYMPTOMS DUE TO EXPOSURE TO THIS PRODUCT. DO NOT PUNCTURE. MAINTAIN GOOD HOUSEKEEPING AND HYGIENIC PRACTICES.

\*\*\* SECTION 08 - FIRST AID MEASURES \*\*\*

EMERGENCY FIRST AID PROCEDURES:

<----INHALATION----> REMOVE TO FRESH AIR AT ONCE. IF PULMONARY SYMPTOMS DEVELOP, CONSULT A PHYSICIAN. IF BREATHING IS DIFFICULT, GIVE OXYGEN. ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. CARDIAC RESUSCITATION IF INDICATED. <----SKIN CONTACT----> REMOVE CONTAMINATED CLOTHING. CONTAMINATED CLOTHING WILL BE HIGHLY FLAMMABLE. WASH WITH SOAP AND WATER. APPLY SKIN CREAM IF DEFATTING OF SKIN OCCURS. IF CONDITION PERSISTS, CONSULT A PHYSICIAN. <----EYE CONTACT----> RINSE EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER, OCCASIONALLY LIFTING BOTH UPPER AND LOWER LIDS. CONTINUE FOR 15 MINUTES. TO PREVENT FURTHER EYE IRRITATION, REMOVE TO FRESH AIR AT ONCE. CONTACT A PHYSICIAN. <----INGESTION----> DO NOT INDUCE VOMITING--CALL PHYSICIAN IMMEDIATELY. DRINK LARGE QUANTITIES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT LIQUID FROM SEEPING INTO THE WINDPIPE AND LUNGS.

\*\*\* SECTION 09 - PREPARED BY INFORMATION \*\*\*

C6522000  
S42090M

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DATA SHEET PREPARED BY:

INDUSTRIAL HYGIENE DEPARTMENT  
CHRYSLER  
PHONE: 248-512-8260

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