

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

March 14, 2013
15:23

C H R Y S L E R
HAZARD COMMUNICATION SHEET

285354 DRAFT
EFFECTIVE DATE : 03/03/10

PART/COMMTY CD: 0VU01458
SUPPLIER: 86056 MFGR: 03500
STANDARD: N/AV

*** SECTION 01 - PRODUCT INFORMATION ***

MFG BY: PART SALES & SERVICE CHRYSLER
26311 LAWRENCE AVE CENTERLINE MI 48015
EMERGENCY PHONE: 248-512-8002 AFTER HOURS: 248-576-8888
DIST BY: PART SALES & SERVICE CHRYSLER
26311 LAWRENCE AVE CENTERLINE MI 48015
EMERGENCY PHONE: 248-512-8002 AFTER HOURS: 248-576-8888
CHRYSLER INDUSTRIAL HYGIENE: 248-512-8260 AFTER HOURS: 248-576-8888
BRAND NAME: MOPAR AUTOPAR UNDERCOATING, 446G
MFG ID : 446G
DESCRIPTION: RUSTPRFG-MATERIALS BODY
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
PETROLEUM GASES, LIQUEFIED, SWEET 10-30 1000 N/AP N/AP PPM
068476-86-8 PETROLEUM GASES, LIQUE LD50: N/AV N/AV N/A N/A
IDLH: 9000 PPM LC50: N/AV N/AV N/A N/A
SOLVENT NAPHTHA, PETROLEUM, LIGHT 5-10 300 400 N/AP PPM
064742-89-8 SOLVENT NAPHTHA, PETRO LD50: N/AV N/AV N/A N/A A3
IDLH: 1100 PPM LC50: N/AV N/AV N/A N/A
QUARTZ (SIO2) (9CI) 0.1-1.0 0.100 N/AP N/AP MG/M3 I1
014808-60-7 QUARTZ (SIO2) (9CI) LD50: N/AV N/AV N/A N/A N1 A2
IDLH: 25 MG/M3 LC50: N/AV N/AV N/A N/A
GENERIC DESC: MIXTURE(S) OF THE FOLLOWING: COMPLEX HYDROCARBON MIXTURE,
ALCOHOL(S) AND METAL SALT(S).
FOR EXPLANATION OF "NOTATIONS", SEE THE HAZARD COMMUNICATION SHEET
EXPLANATIONS PAGE.
CONSULT LOCAL AUTHORITIES FOR ACCEPTABLE EXPOSURE LIMITS.

*** SECTION 03 - PHYSICAL DATA ***

BOILING POINT : N/AV C SOLUB IN WATER: NEGLIGIBLE (< 0.1%)
VAPOR PRESSURE: N/AV EVAP. RATE: N/AV REF: N/AV

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VAPOR DENSITY : > 1.000 AT
PH AT FULL STRENGTH: N/AP
%VOLATILE BY VOL : N/AV
ODOR THRESHOLD: N/AV PPM FOR % POPULATION
FREEZING POINT: N/AV
APPEARANCE & ODOR: APPEARANCE: CLEAR..... STATE: LIQUID..... ODOR: SOLVENT.....
SPECIFIC GRAVITY: 0.900 AT 20 C
PH AT REC. DILUT: N/AP
VOLATILE ORGANIC COMP: N/AV N/AV
COEFF. OF WATER/OIL DIST: N/AV

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

FLASH POINT: -103 C N/AV IGN TEMP: N/AV LEL: 1.000% UEL: 36.000%
SPECIAL FIRE & EXPLOSION HAZARDS:

FLAMMABLE. CONTENTS UNDER PRESSURE. MAY EXPLODE IF EXPOSED TO HEAT OR FLAME. MATERIAL IS HIGHLY VOLATILE AND READILY GIVES OFF VAPORS/GAS WHICH 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 MATERIAL HANDLING POINT. MAY PRODUCE TOXIC THERMAL DECOMPOSITION PRODUCTS. REACTS ON CONTACT WITH OXIDIZERS. EXPOSURE TO INTENSE HEAT AND DIRECT FLAME MAY RESULT IN PRESSURE BUILD-UP IN CONTAINER, CAUSING WEAKENING OR RUPTURING OF THE CONTAINER.

EXTINGUISHING MEDIA:

WATER FOG, CARBON DIOXIDE OR DRY CHEMICAL.

SPECIAL FIREFIGHTING PROCEDURES:

AVOID BREATHING VAPOR OR FUMES. USE SELF-CONTAINED BREATHING APPARATUS. USE PROTECTIVE CLOTHING. EVACUATE PERSONNEL FROM AREA. USE WATER TO COOL FIRE EXPOSED CONTAINERS. REMOVE CONTAINERS FROM FIRE AREA IF POSSIBLE. MATERIAL IS FLAMMABLE. DO NOT LET IT RUN-OFF TO WATERCOURSE. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND TO PROTECT PERSONS ATTEMPTING TO STOP A LEAK. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

FLAMMABILITY CONDITIONS:

MAY IGNITE WHEN EXPOSED TO OXIDIZERS, HEAT OR OPEN FLAME.

SENSITIVE TO MECHANICAL IMPACT?: YES SENSITIVE TO STATIC DISCHARGE?: YES

HAZARDOUS COMBUSTION PRODUCTS:

OXIDES OF NITROGEN, ORGANIC COMPOUNDS, PHOSGENE, HYDROGEN CHLORIDE AND CHLORINE, CARBON MONOXIDE AND CARBON DIOXIDE.

FLAME PROJECTION: > 99 CM

FLAMMABILITY: YES

*** SECTION 05 - REACTIVITY DATA ***

STABILITY: STABLE

CONDITIONS TO AVOID:

HIGH TEMPERATURE, SPARKS OR OPEN FLAME.

MATERIALS TO AVOID:

STRONG OXIDIZING AGENTS, STRONG ACID, STRONG ALKALI, AMINES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

POLYMERIZATION CONDITIONS TO AVOID:

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POLYMERIZATION WILL NOT OCCUR.
HAZARDOUS DECOMPOSITION PRODUCTS:

THERMAL DECOMPOSITION MAY PRODUCE THE FOLLOWING: OXIDES OF NITROGEN,
ORGANIC COMPOUNDS, PHOSGENE, HYDROGEN CHLORIDE AND CHLORINE, CARBON MONOXIDE
AND CARBON DIOXIDE.

*** SECTION 06 - TOXICOLOGICAL PROPERTIES ***

EFFECTS OF OVEREXPOSURE-ACUTE & CHRONIC:

<<---INHALATION--->> VAPOR AND/OR MIST MAY PRODUCE THE FOLLOWING:
IRRITATION OF UPPER RESPIRATORY TRACT AND/OR MAY BE IRRITATING TO EYES,
NOSE, AND THROAT. ACUTE EXPOSURE TO HIGH CONCENTRATIONS MAY PRODUCE THE
FOLLOWING: NARCOSIS AND/OR ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY
HEADACHE, DIZZINESS, STAGGERING, CONFUSION, UNCONSCIOUSNESS OR COMA. THIS
MATERIAL INCLUDES A LIGHT PETROLEUM DISTILLATE WHICH MAY CONTAIN N-HEXANE.
CHRONIC OVEREXPOSURE TO N-HEXANE MAY PRODUCE PERIPHERAL NEUROPATHY 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. <<---SKIN CONTACT--->> SKIN CONTACT MAY PRODUCE
DEFATTING AND DRYING OF SKIN. PROLONGED SKIN EXPOSURE MAY RESULT IN THE
FOLLOWING: ITCHING, BURNING SENSATION, SWELLING OR DERMATITIS. <<---EYE
CONTACT--->> VAPOR AND/OR MIST MAY PRODUCE THE FOLLOWING: IRRITATION AND
TEARING. PROLONGED CONTACT MAY PRODUCE THE FOLLOWING: VISUAL DISTURBANCES.
<<---INGESTION--->> MAY BE HARMFUL IF SWALLOWED. MAY CAUSE UPSET STOMACH,
NAUSEA, VOMITING AND DIARRHEA. ASPIRATION (GOING DOWN THE WRONG PIPE INTO
THE WINDPIPE) MAY CAUSE THE FOLLOWING: CHEMICAL PNEUMONITIS (AN INFLAMMATION
OF THE LUNGS SIMILAR TO PNEUMONIA, WHICH IS CAUSED BY GETTING THE LIQUID
FORM OF A CHEMICAL INTO THE LUNGS) AND/OR ACUTE NERVOUS SYSTEM DEPRESSION
CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING, CONFUSION, UNCONSCIOUSNESS
OR COMA. <<---SPECIAL TOXICITY--->> DAMAGE TO THE NERVOUS SYSTEM AND/OR
BRAIN DAMAGE. THIS MATERIAL INCLUDES A LIGHT PETROLEUM DISTILLATE WHICH MAY
CONTAIN N-HEXANE. CHRONIC OVEREXPOSURE TO N-HEXANE MAY PRODUCE PERIPHERAL
NEUROPATHY 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. CHRONIC EXPOSURE TO HIGH
CONCENTRATIONS MAY PRODUCE THE FOLLOWING: KIDNEY DAMAGE, LIVER DAMAGE.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS:

PRODUCT LD50: N/AV	N/AV	N/AV	N/AV
PRODUCT LC50: N/AV	N/AV	N/AV	N/AV

*** SECTION 07 - PREVENTIVE MEASURES ***

RESPIRATORY PROTECTION:

NO SPECIAL PROTECTION NEEDED UNDER NORMAL CONDITIONS. THE FOLLOWING MAY BE
NEEDED IF SIGNIFICANT VAPORS OR MIST ARE GENERATED: ORGANIC VAPOR
RESPIRATOR. IF THE ALLOWABLE LIMIT OF THE PRODUCT OR ANY COMPONENT IS
EXCEEDED, USE THE FOLLOWING: AIR-SUPPLIED RESPIRATOR.

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VENTILATION TYPE:

TO MAINTAIN THE TLV, THE FOLLOWING MAY BE NEEDED: GOOD GENERAL VENTILATION AND/OR LOCAL EXHAUST VENTILATION.

PROTECTIVE GLOVES:

RECOMMENDED. NITRILE RUBBER GLOVES, NEOPRENE GLOVES OR POLYVINYLCHLORIDE (PVC) GLOVES.

EYE PROTECTION:

RECOMMENDED. SAFETY GLASSES WITH SIDE SHIELDS.

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. PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE REUSE. APRON (SAME MATERIAL AS GLOVES), CLOTHING (SAME MATERIAL AS GLOVES). AN EYE WASH MAY BE NEEDED FOR EMERGENCY SITUATIONS. A SAFETY SHOWER MAY BE NEEDED FOR EMERGENCY SITUATIONS.

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. WEAR RESPIRATORY PROTECTION. WEAR PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK IF POSSIBLE. EVACUATE PERSONNEL NOT EQUIPPED WITH PROTECTIVE CLOTHING AND EQUIPMENT. CONTAIN WITH EARTH OR SAND TO PREVENT ENTERING DRAINS. PUMP INTO SALVAGE TANK. RESIDUE-ABSORB ON AN INERT MATERIAL AND REMOVE WITH NON-SPARKING TOOLS. DISCARD INTO SEALED CONTAINERS FOR DISPOSAL. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED OR MAY ENTER SEWERS, WATERCOURSES OR EXTENSIVE LAND AREAS.

WASTE DISPOSAL METHODS:

DISPOSE OF IN A MANNER CONSISTENT WITH STATE, PROVINCIAL, LOCAL, AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

STORE IN A COOL, DRY PLACE. STORE SEPARATE FROM INCOMPATIBLE MATERIALS. STORE IN EXPLOSION RESISTANT/FLAMMABLE LIQUID STORAGE ROOM. USE WITH ADEQUATE VENTILATION. KEEP FROM HEAT, SPARK OR OPEN FLAMES. TAKE "NO SMOKING" PRECAUTIONS. DO NOT PUNCTURE, DROP OR SLIDE CONTAINERS. CONTENTS ARE UNDER PRESSURE. FLAMMABLE. THIS PRODUCT MAY BE HARMFUL IF INHALED--NOT INTENDED FOR BREATHING. REACTS WITH ACIDS. REACTS WITH OXIDIZERS.

OTHER PRECAUTIONARY MEASURES:

AVOID BREATHING MIST. AVOID BREATHING VAPOR. AVOID SKIN CONTACT. AVOID EYE CONTACT. AVOID INGESTION. DO NOT SMOKE OR EAT WHEN HANDLING THIS SUBSTANCE; WASH THOROUGHLY AFTER USING. WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. 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.

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ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. CARDIAC RESUSCITATION IF INDICATED. <----SKIN CONTACT----> REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. APPLY SKIN CREAM IF DEFATTING OF SKIN OCCURS. IF CONDITION PERSISTS, CONSULT A PHYSICIAN. <----EYE CONTACT----> REMOVE CONTACT LENSES TO ASSURE COMPLETE FLUSHING. RINSE EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER, OCCASIONALLY LIFTING BOTH UPPER AND LOWER LIDS. CONTINUE FOR 15 MINUTES. CONTACT A PHYSICIAN. <----INGESTION----> DO NOT INDUCE VOMITING-CALL PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING-PETROLEUM BASE CHEMICAL. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT LIQUID FROM SEEPING INTO THE WINDPIPE AND LUNGS. IF VICTIM IS DROWSY OR UNCONSCIOUS, PLACE ON THE LEFT SIDE WITH THE HEAD DOWN. DO NOT GIVE ANYTHING BY MOUTH.

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

DATA SHEET PREPARED BY:

INDUSTRIAL HYGIENE DEPARTMENT
CHRYSLER
PHONE: 248-512-8260

PREPARED BY: STAFF
REVIEWED BY:
REVISED BY: