



**SAFETY DATA SHEET**

**1 – IDENTIFICATION**

IDENTIFIER	RUBBERIZED UNDERCOATING
PRODUCT CODE	950-024
RECOMMENDED USE	Rustproofing
RESTRICTIONS ON USE	Automotive use only.
SUPPLIER / MANUFACTURER	AUTO-CHEM INC 33 de Lyon Repentigny, QC J5Z 4Z3 450-654-9292 www.autochem.com
EMERGENCY TELEPHONE	CANUTEC 1-613-996-6666 (24 hours)

**2 – HAZARD IDENTIFICATION**

CLASSIFICATION	Flammable aerosol 1 Pressurized gas Skin irritant 2 Carcinogenic effect 2 Reproductive effect 2 Specific target organ toxicity, single exposure 3 Specific target organ toxicity, repeated exposure 2	
LABEL ELEMENTS		
SIGNAL WORD	DANGER	
HAZARD STATEMENT	H222 H280 H315 H351 H361 H335 H373	Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure.
PRECAUTIONARY STATEMENTS – PREVENTION	P201 P202  P210  P211 P251	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

	P264 P280  P271 P260	Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray.
PRECAUTIONARY STATEMENTS – RESPONSE	P302+P352 P321 P332+P313 P362+P364 P308+P316 P304+P340  P314	IF ON SKIN: Wash with plenty of soap and water. Specific treatment: Wash exposed area with soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF exposed or concerned: Get medical advice/attention. IF INHALED: remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
PRECAUTIONARY STATEMENTS – STORAGE	P410+P412  P403+P233 P405	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well ventilated place. Keep container tightly closed. Store locked up.
PRECAUTIONARY STATEMENTS - ELIMINATION	P501	Dispose contents/containers according to municipal, provincial and federal regulations.
OTHER HAZARDS	Not applicable	

### 3 – COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	C.A.S	CONCENTRATION
Calcium carbonate	1317-65-3	10 – 30 *
Asphalt	8052-42-4	10 – 30 *
Toluene	108-88-3	10 – 30 *
VM&P naphtha	64742-89-8	10 – 30 *
Talc	14807-96-6	5 – 10 *
Aluminum silicate	1332-58-7	5 – 10 *
Propane	74-98-6	5 – 10 *
n-butane	106-97-8	1 – 5 *

\* TRADE SECRET STATEMENT: The exact concentration of composition has been withheld as a trade secret.

### 4 – FIRST AID MEASURES

ROUTE OF EXPOSURE	Inhalation, eyes, skin, ingestion
INHALATION	IF INHALED: remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CONTROL CENTER or physician.
DERMAL	IF ON SKIN: Take off immediately all contaminated clothing. Wash skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing and footwear before reuse.
OCULAR	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Get medical advice/attention.

ORAL	NEVER give anything orally if victim is losing consciousness, is unconscious or having convulsions. Rinse mouth with water thoroughly. DO NOT INDUCE VOMITING. Ask victim to drink two glasses of water. If vomiting occurs naturally, lean victim forward to reduce risks of aspiration. Continue to drink water. Obtain medical care.
NOTE TO PHYSICIAN	Specific treatment: treat symptomatically.

## 5 – FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Carbon dioxide, extinguishing powder or water spray. Fight larger fires with water spray.
UNSUITABLE EXTINGUISHING MEDIA	None known.
SPECIFIC HAZARDS	Container can explode. Can form explosive gas/air mixtures.
PROTECTIVE EQUIPMENT	Fire-fighters must wear protective equipment and NIOSH approved self-contained breathing apparatus.
PRECAUTIONS	Do not let water run-off reach sewers, ditches or waterways.

## 6 – ACCIDENTAL RELEASE MEASURES

PROTECTIVE EQUIPMENT	Wear appropriate respiratory equipment (See Section 8). Use respiratory protective device against the effects of fumes/aerosols. Avoid direct contact with product. Remove non-essential personnel.
CONTAINMENT AND CLEAN UP	Ventilate spill area. Stop spill if safe to do so. Contain and absorb with an inert absorbing material for future disposal (See Section 13). Prevent spill from entering sewers or waterways. Retain water run-off if applicable. Inform proper authorities if necessary.
ENVIRONMENTAL PRECAUTIONS	Avoid entering sewers, waterways or restricted areas. Eliminate according to municipal, provincial and federal regulations.

## 7 – HANDLING AND STORAGE

HANDLING	Containers must be identified correctly. Handle in a well ventilated area. Avoid breathing dust, vapours or mists. Avoid contact with eyes, skin and clothes. Keep containers closed when not in use. Empty containers may contain residues and must be handled as hazardous waste. Maintain good personal hygiene before eating, drinking or smoking. Do not eat, drink or smoke while using the product or in proximity. Wash contaminated clothing before reuse.
STORAGE	Store in a well-ventilated place. Keep cool. Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.
INCOMPATIBLE MATERIALS	No information available.

## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

CHEMICAL NAME	C.A.S.	SOURCE	VALUE
Calcium carbonate	1317-65-3	CSST NIOSH OSHA	TWA 10 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup>
Asphalt	8052-42-4	CSST	TWA 5mg/m <sup>3</sup>

Toluene	108-88-3	CSST NIOSH NIOSH OSHA	TWA 50 ppm, 188 mg/m <sup>3</sup> TWA 100 ppm, 375 mg/m <sup>3</sup> STEL 150 ppm, 560 mg/m <sup>3</sup> TWA 200 ppm
VM&P naphtha	64742-89-8	ACGIH OSHA	TWA 400 ppm TWA 100 ppm
Talc	14807-96-6	CSST NIOSH OSHA	TWA 3 mg/m <sup>3</sup> TWA 2 mg/m <sup>3</sup> TWA 2 mg/m <sup>3</sup>
Aluminum silicate	1332-58-7	CSST NIOSH OSHA	TWA 5 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup> TWA 5 mg/m <sup>3</sup>
Propane	74-98-6	CSST NIOSH OSHA	TWA 1000 ppm, 1800 mg/m <sup>3</sup> TWA 1000 ppm, 1800 mg/m <sup>3</sup> TWA 1000 ppm, 1800 mg/m <sup>3</sup>
n-butane	106-97-8	CSST NIOSH	TWA 800 ppm, 1900 mg/m <sup>3</sup> TWA 800 ppm, 1900 mg/m <sup>3</sup>

ENGINEERING CONTROLS	Use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels to an acceptable level.
RESPIRATORY PROTECTION	Maintain atmospheric concentrations below exposure limits. If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator. In case of spill or leak resulting in unknown concentration, use a NIOSH approved supplied air respirator.
PROTECTIVE EQUIPMENT AND CLOTHING	Wear chemical / impermeable gloves or other protective clothing to prevent repeated or continuous contact with the skin during handling and usage. Wear goggles to prevent mist, vapours or dust to contact eyes. Insure that eyewash stations, showers and cleaning stations are near to work station.
OCULAR PROTECTION	Chemical goggles; also wear a face shield if splashing hazard exists.
GENERAL HYGIENE RECOMMENDATIONS	Ensure that eyewash stations and safety showers are proximal to the work-station location. Avoid production of high concentrations of dust, vapours or mists. Avoid contact with skin and eyes. Avoid breathing dust, vapours or mists. Never eat, drink or smoke near work stations. Good hygiene is recommended after using this product. Clean clothing before reuse.

## 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol, black compound
ODOUR	Solvent
ODOUR TRESHOLD	Not available
pH	Not determined.
MELTING / FREEZING POINT	Not determined.
INITIAL BOILING POINT	-44°C
FLASH POINT	-19°C
EVAPORATION RATE	Not available
FLAMMABILITY	Extremely flammable.

LOWER FLAMMABLE/EXPLOVISE LIMIT	Not determined.
UPPER FLAMMABLE/EXPLOSIVE LIMIT	Not determined.
VAPOUR PRESSURE	Not available.
VAPOUR DENSITY	Not available.
RELATIVE DENSITY	0.77 to 0.85
SOLUBILITY (in water)	Not soluble.
PARTITION COEFFICIENT (n-octanol/water)	Not available.
AUTO-IGNITION TEMPERATURE	Not available.
DECOMPOSITION TEMPERATURE	Not available.
VOC	425.1 g/L
VISCOSITY	Not available.

## 10 – STABILITY AND REACTIVITY

REACTIVITY	Stable under recommended usage.
CHEMICAL STABILITY	Stable.
HAZARDOUS REACTIONS	None known
CONDITIONS TO AVOID	Do not allow can to exceed 50°C. Do not warehouse in subfreezing temperatures.
INCOMPATIBLE MATERIALS	Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon oxides.
ADDITIONAL INFORMATION	None.

## 11 – TOXICOLOGICAL INFORMATION

ACUTE EFFECTS	
INHALATION	Exposition to high vapour concentration can cause an irritation of the respiratory system, headaches, dizziness, nausea, loss of coordination, fatigue and loss of consciousness.
DERMAL	Causes moderate skin irritation.
OCULAR	Direct contact with the eyes can cause temporary discomfort with slight reddening and dryness.
ORAL	Irritation of the upper gastro-intestinal tract. Product can cause nausea, headaches, dizziness, fatigue and a depression of the central nervous system.
CHRONIC EFFECTS	
INHALATION	Solvent abusers exposed to high doses of aromatic solvents show signs of hearing loss as well as damage to the brain, liver and kidney. Excessive exposure during pregnancy may be hazardous to the developing foetus.
DERMAL	None known.
OCULAR	None known.
ORAL	None known.
ADDITIONAL INFORMATION	

CARCINOGENIC EFFECTS (IARC)	Asphalt	8052-42-4	Group 2B Possibly carcinogenic to humans
	Toluene	108-88-3	Group 3 Not classifiable as to its carcinogenicity to humans
	Talc	14807-96-6	Group 2B Possibly carcinogenic to humans
MUTAGENIC EFFECTS	Not available.		
TERATOGEN EFFECTS	Not available.		
REPRODUCTION	Toxicity for reproduction. Effect on post-natal development.		
SENSIBILISATION	Not available.		
TARGET ORGANS	Central nervous system, lungs, liver, kidneys.		
SYNERGISTIC SUBSTANCES	Not available.		

CHEMICAL NAME	C.A.S.	LD50 ORAL mg/kg	LD50 DERMAL mg/kg	LC50 INHALATION
Calcium carbonate	1317-65-3	6450 mg/kg, rat	No data.	No data.
Asphalt	8052-42-4	5001 mg/kg, rat	2001mg/kg, rat	No data.
Toluene	108-88-3	5600 mg/kg, rat	12400 mg/kg, rabbit	8000 ppm, 4 hrs, rat
VM&P naphtha	64742-89-8	No data.	No data.	No data.
Talc	14807-96-6	No data.	No data.	No data.
Aluminum silicate	1332-58-7	No data.	No data.	No data.
Propane	74-98-6	No data.	No data.	No data.
n-butane	106-97-8	No data.	No data.	276000 ppm, 4 hrs, rat



## 12 – ECOLOGICAL INFORMATION

PERSISTENCE AND DEGRADABILITY	Product is degradable after prolonged exposure to natural weathering processes.
BIOACCUMULATIVE POTENTIAL	Not determined.
SOIL MOBILITY	Not determined.
OTHER ADVERSE EFFECTS	Not determined.
ADDITIONAL INFORMATION	Do not let material or fire-fighting water run-off enter sewers or waterways. Obstruct drains and ditches. Affected areas must be cleaned and restored to their original conditions or to the satisfaction of the authorities

## 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHOD	Disposal of all wastes must be done in accordance with municipal, provincial and federal regulations. Do not puncture, incinerate or compact.
CONTAMINATED PACKAGING	Empty containers should be recycled or disposed of through an approved waste management facility. Do not heat or cut empty containers with electric or gas torches.

## 14 – TRANSPORT INFORMATION

TRANSPORT OF DANGEROUS GOODS (CANADA)				
UN NUMBER	PROPER SHIPPING NAME	CLASS	PACKING GROUP	PLACARD
1950	AEROSOLS, flammable	2.1	Not applicable.	
LIMITED QUANTITY : 1kg				
FLASH POINT:		-19°C		

MARINE POLLUTANT	No.
SPECIAL PRECAUTIONS	Do not expose to temperatures exceeding 50°C/122°F. Prevent freezing.

## 15 – REGULATORY INFORMATION

CEPA	All components of this product are either listed or exempt from listing on the Domestic substances List (DSL).
TSCA	All components of this product are either listed or exempt from listing on the Toxic Substances Control Act (TSCA) Inventory.

## 16 – OTHER INFORMATION

VERSION	1.0
DATE	August 27, 2015
PREPARED BY	AUTO-CHEM INC
ABBREVIATIONS	ABBREVIATIONS
ACGIH	American Conference of Governmental Industrial Hygienists
AIHA	American Industrial Hygiene Association
CAS	Chemical Abstract Service
CEPA	Canadian Environmental Protection Act
CIRC	Centre International pour la Recherche sur le Cancer
CL / LC	Concentration létale /Lethal concentration
DL / LD	Dose létale / Lethal dose
CE / EC	Concentration efficace / Effective concentration
IARC	International Agency for Research on Cancer
LCPE	Loi Canadienne sur la Protection de l'Environnement
LES/NDSL	Liste extérieure des substances / Non domestic substances list
LIS/DSL	Liste intérieure des substances / Domestic substances list
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit

SIMDUT STEL STOT TCOC TLV TSCA TWA USEPA VECD VEMP WHMIS	Système d'information sur les matières dangereuses utilisées au travail Short-term Exposure Limit Specific target organ toxicity Toxicité pour certains organes cibles Threshold Limit Value Toxic Substances Control Act Time Weighted Average United States Environmental Protection Agency Valeur exposition courte durée Valeur exposition moyenne pondérée Workplace Hazardous Materials Information System
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