

AUTOMOTIVE INTERNATIONAL SAFETY DATA SHEET (SDS)

SECTION 1: IDENTIFICATION

Product Name	VG-76 ValuGard Undercoating
Other Names	Water based Protective coating, Underbody coating
Use	Vehicle under coating
Company	Automotive International 8855 Blue Ash Rd. Cincinnati, Ohio 45242 Tel: (513) 489-7883 Fax: (513) 489-1329
Emergency Tel.	CHEMTREC (800) 262-8200

SECTION 2: HAZARD(S) IDENTIFICATION

Physical Hazard	None	
Health Hazards	Skin corrosion/irritation	Category 3
	Serious eye damage/eye irritation	Category 2

Label Elements



Signal Word	Warning
Hazard Statement	Causes mild skin irritation, causes serious eye irritation.

Precautionary statements

Prevention

Avoid breathing mist, spray. Wash thoroughly after handling. Wear protective gloves, protective clothing, eye protection, face protection.

Response

IF ON SKIN (or hair): Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing.

Storage Disposal

Store in a dry place. Store in a closed container.
Dispose of contents and/or container in accordance with local, regional, state, national, and international regulation.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical Name	Common Name	CAS number	Percent by weight
Petroleum Hydrocarbon	Asphalt	8052-42-4	30-60%

SECTION 4: FIRST-AID MEASURES

General Advice	Take off contaminated clothing. Get Medical advice/attention if you feel unwell. Wash contaminated clothing before reuse.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Get Medical attention if you feel unwell.
Skin	Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water. If skin irritation or a rash occurs: Get medical advice/attention.
Eye	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing. If eye irritation persists: Get medical attention.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get Medical advice/attention if you feel unwell.
Most important symptoms/effects, acute and Indication of immediate medical attention and special treatment needed	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Provide general supportive measures and treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguisher type(s)	Material is non-combustible. For dried residue: Carbon dioxide (CO ₂), foam, water fog or dry chemical.
Unsuitable Extinguisher type	
Specific hazardous arising from fire.	For dried residue: Thermal decomposition (burning) will produce oxides of carbon including carbon monoxide and may also produce irritating, corrosive and/or toxic gases, vapors and fumes.
Special protective equipment for fire fighting.	Self-contained breathing apparatus and full protective gear must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Leak or spill procedures	Avoid unnecessary exposure and contact
Containment	Contain and absorb with inert material. (e.g. oil dry, sand) Avoid dilution with water to minimize the extent of the spill.
Cleanup	Dispose in accordance with all local, state and federal regulations.
Precautions	In the event of a large spill, contain material and recover uncontaminated material for use if possible. Avoid discharge into drains, water courses and the ground.

SECTION 7: HANDLING AND STORAGE

Storage	Keep containers tightly closed. Store in a cool, dry and well ventilated area. KEEP FROM FREEZING.
Handling	Avoid prolonged or repeated skin contact.
Incompatible Contaminants	Avoid exposure to oxidizing agents. Incompatible materials may cause coagulation.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	OSHA PEL	ACGIH TLV-TWA
Asphalt (fumes)*		0.5 mg/m ³
	* Asphalt fumes will not normally be present.	
Engineering Controls	Use with adequate ventilation.	
PPE	Eye/Face: Face shield, goggles Skin: Wear long sleeved, body-covering clothing. Use chemical protective gloves. Respiratory: If atomizing ensure adequate ventilation and local exhaust. Level of exposure needs to be determined. If required, use a particulate filter, a NIOSH-approved air purifying respirator with organic vapor cartridge or a supplied air respirator.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Form	Liquid
Color	Dark gray to black
Flammability Limits	
Upper	Not applicable
Lower	Not applicable
Odor	Slight Petroleum Odor
Odor Threshold	Not Determined
Vapor Pressure at 20°C	23.5 mm Hg, based on solvent
pH	8.4-9.4
Vapor Density (air=1)	Not Determined
Evaporation Rate	Not Determined
Specific Gravity, 16°C	1.0-1.2
Melting Point/Range	Not Determined
Boiling Point/Range	212°F (100°C)
Solubility	Soluble while wet
Partition Coefficient	Not Determined
Flash Point	Not applicable
Flammability	Nonflammable
Auto ignition Temperature	Not applicable
Decomposition Temperature	Not Determined
Viscosity	Shear dependent

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Chemical Stability Stable

Other

Hazardous Reactions None

Polymerization Will not occur.

Conditions to Avoid Freezing will cause coagulation.

Incompatible Materials Some Chemicals will cause coagulation.

Decomposition Hazards For dried residue combustion products: Oxides of carbon, nitrogen, and sulfur and potentially irritating and/or toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient **Ingestion LD50**

Similar material Oral-Rat, > 500gm/kg

Routes of Exposure

Ingestion Unlikely: Expect low ingestion hazard. Do NOT induce vomiting.

Skin Contact Causes skin irritation

Eye Contact Causes severe eye irritation

Delayed, Immediate, and Long Term Exposure Dermatitis may occur with repeated or prolonged skin contact.

Carcinogenicity None of the components of this mixture are considered to be a carcinogen by IARC, ACGIH, NTP, OR OSHA.

SECTION 12: ECOLOGICAL INFORMATION (non-mandatory)

Eco toxicity This mixture contains components that are slightly toxic to aquatic organisms on an acute basis (LC50 between 10 and 100 mg/L in most sensitive species.).

Environmental Fate The asphalt component is not expected to biodegrade.

SECTION 13: DISPOSAL CONSIDERATIONS (non-mandatory)

Hazard characteristic and regulatory waste classification can change with product use. Accordingly, it is the responsibility of the user to determine the proper handling and disposition for disposal according to local, state and federal regulations. (40 CFR 260 through 271)

SECTION 14: TRANSPORT INFORMATION (non-mandatory)

For Industrial/Professional Use Only-Keep out of reach of Children

U.S. ground This product is not regulated by DOT when shipped domestically by land.
Shipping classification: 170080

SECTION 15: REGULATORY INFORMATION (non-mandatory)

TSCA All components are on the TSCA inventory.
Sara Title III, Section 313 No, None
Sara Title III, Section 311, 312 Not to have met any hazard category.

SECTION 16: OTHER INFORMATION

NEPA RATING: Health-1, Fire-1, Reactivity - 0
KEY: 4=Severe, 3=Serious, 2=Moderate, 1=Slight, 0=Minimal

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