

Vulcanized Premium Undercoating

SECTION 1. IDENTIFICATION

Product Identifier	Vulcanized Premium Undercoating
Other Means of Identification	AUTOMOTIVE UNDERCOATING
Other Identification	SKU# 160/162/163
Product Family	Asphalt Undercoating
Recommended Use	See Technical Data Sheet.
Restrictions on Use	See Technical Data Sheet.
Manufacturer/Supplier Identifier	SWT Group, 1591 Kildare Road, Windsor, ON, N8W 2W2, Canada, 519-967-0020
Supplier Identifier	The Walker Group Manufacturing Inc., 3 Pullman Court, Toronto, Ontario, M1X1E4, 416-412-2970
Emergency Phone No.	Walker Group Manufacturing Inc., 416-412-2970 SWT Group , 519-967-0020 CANUTEC, 24 HR. Emergency Tel #613-996-6666

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012).

Classification

Flammable liquid - Category 3; Specific target organ toxicity (repeated exposure) - Category 1

Label Elements



Signal Word:

Danger

Hazard Statement(s):

Flammable liquid and vapour.

Causes damage to organs through prolonged or repeated exposure.

Precautionary Statement(s):

Prevention:

Keep away from heat, sparks, open flames, and hot surfaces. – No smoking.

Product Identifier:	Vulcanized Premium Undercoating - Ver. 2
Date of Preparation:	June 01, 2018
Date of Last Revision:	July 10, 2018

SDS No.: 0147

Page 01 of 08

Keep container tightly closed.
Ground and bond container and receiving equipment.
Use explosion-proof electrical, ventilating, and lighting equipment.
Use only non-sparking tools.
Do not breathe mist, vapours, spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
IF SWALLOWED: Immediately call a POISON CENTRE or doctor.
Do NOT induce vomiting.
In case of fire: Use dry chemical powder, carbon dioxide, water spray or fog, appropriate foam to extinguish.

Storage:

Store in a well-ventilated place. Keep cool.
Keep container tightly closed.

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.

Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Asphalt (Bitumen) fume	8052-42-4	50 - 75	N/A	Asphalt (petroleum) fumes
Stoddard solvent	8052-41-3	25 - 50	N/A	Mineral spirits
Methanol	67-56-1	0.9 - 1.5	N/A	Methyl alcohol

Notes

Concentrations are expressed in % weight/weight. The specific chemical identity and/or exact percentage of composition (concentration) has been withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Get medical advice or attention if you feel unwell or are concerned. Remove source of exposure or move to fresh air. Keep at rest in a position comfortable for breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by Poison Centre or doctor. If breathing has stopped, trained personnel should begin rescue breathing.

Skin Contact

Immediately wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 15-20 minutes. If skin irritation occurs, get medical advice or attention.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention.

Ingestion

Immediately call a Poison Centre or doctor. Never give anything by mouth if person is rapidly losing consciousness,

Product Identifier: Vulcanized Premium Undercoating - Ver. 2
Date of Preparation: June 01, 2018
Date of Last Revision: July 10, 2018

SDS No.: 0147

Page 02 of 08

or is unconscious or convulsing. Do not induce vomiting. Rinse mouth with water. If vomiting occurs naturally, lie on your side in the recovery position. Rinse mouth with water again.

First-aid Comments

Get medical advice or attention if you feel unwell or are concerned. Provide general supportive measures and treat symptomatically.

Most Important Symptoms and Effects, Acute and Delayed

If inhaled: can irritate the nose and throat. Symptoms may include coughing, choking, shortness of breath, difficult or rapid breathing and wheezing. Can harm the nervous system. Symptoms may include headache, nausea, dizziness, drowsiness and confusion. If in eyes: may cause moderate to severe irritation. Symptoms include slight redness and pain. If swallowed: can irritate the mouth, throat and stomach. Symptoms may include nausea, vomiting, stomach cramps and diarrhea.

Immediate Medical Attention and Special Treatment

Target Organs

Nervous system, respiratory system, lungs, digestive system, eyes, skin.

Special Instructions

Monitor lung function. Monitor nervous system function.

Medical Conditions Aggravated by Exposure

Eye conditions, nervous system conditions, respiratory conditions, skin conditions. Provide general supportive measures and treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

Unsuitable Extinguishing Media

Do not use halogenated agents.

Specific Hazards Arising from the Product

May travel a considerable distance to a source of ignition and flash back to a leak or open container. Closed containers may rupture violently when heated releasing contents. See Section 9 (Physical and Chemical Properties) for flash point and explosive limits.

Very toxic carbon monoxide, carbon dioxide.

Special Protective Equipment and Precautions for Fire-fighters

Evacuate area. Wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Fight fire from a safe distance or a protected location. Review Section 6 (Accidental Release Measures) for important information on responding to leaks/spills.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn. Chemical protective clothing (e.g. chemical splash suit) and positive pressure SCBA may be necessary. See Skin Protection in Section 8 (Exposure Controls/Personal Protection) for advice on suitable chemical protective materials.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate downwind locations. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Use the personal protective equipment recommended in Section 8 of this safety data sheet. Increase ventilation to area or move leaking container to a well-ventilated and secure area. Eliminate all ignition sources. Use grounded, explosion-proof equipment.

Environmental Precautions

Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

Methods and Materials for Containment and Cleaning Up

Review Section 7 (Handling) of this safety data sheet before proceeding with clean-up. Stop or reduce leak if safe to do

Product Identifier: Vulcanized Premium Undercoating - Ver. 2

SDS No.: 0147

Date of Preparation: June 01, 2018

Date of Last Revision: July 10, 2018

Page 03 of 08

so. Do not use absorbents. Contain spill using noncombustible material such as vermiculite, earth or sand. Place used absorbent into suitable, covered, labelled containers for disposal. Contaminated absorbent poses the same hazard as the spilled product. Dike spilled product to prevent runoff. Review Section 13 (Disposal Considerations) of this safety data sheet.

Other Information

Report spills to local health, safety and environmental authorities, as required.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Obtain special instructions before use. Only use where there is adequate ventilation. Avoid generating vapours or mists. Avoid breathing in this product. Wear personal protective equipment to avoid direct contact with this chemical. Do not get in eyes, on skin or on clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use non-sparking tools. Electrically bond and ground equipment. Ground clips must contact bare metal. Avoid shock, friction or impact. Do not skid, drag or drop containers. Prevent accidental contact with incompatible chemicals. Properly vent drums to prevent pressure buildup. Do not handle swollen drums. Contact supervisor for advice.

General hygiene considerations:

Do NOT smoke in work areas. Do NOT eat, drink or store food in work areas. Wash hands thoroughly after handling this product and before eating, using the washroom or leaving work area. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. See Section 13 (Disposal Considerations) of this safety data sheet.

Conditions for Safe Storage

Store in a closed container. Store in an area that is: cool, dry, well-ventilated, secure and separate from work areas. Restrict access to authorized personnel only. Engineering controls are usually required in the storage area to protect against the product's hazard(s). Review Section 8 (Exposure Controls/Personal Protection) for information. Protect from conditions listed in Conditions to Avoid in Section 10 (Stability and Reactivity). Electrically bond and ground containers. Ground clips must contact bare metal. Vent drums to prevent pressure buildup. Do not handle swollen drums. Get expert advice. Empty containers may contain hazardous residue. Store separately. Keep closed. Follow all precautions given on this safety data sheet. Inspect periodically for damage or leaks.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Stoddard solvent	Not established	Not established	Not established	Not established	Not established	Not established
Methanol	200 ppm	250 ppm Skin	200 ppm	Not established	Not established	Not established
Asphalt (Bitumen) fume	0.5 mg/m3	Not established	Not established	Not established	Not established	Not established

Consult local authorities for provincial or state exposure limits.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapours below their respective threshold limit value.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles.

Skin Protection

Wear chemical protective clothing e.g. gloves, aprons, boots.

Respiratory Protection

Local ventilation is recommended if the product is misted or used in a confined space, or if the TLV is exceeded. If airborne concentrations are above the permissible exposure limit or are not known, use NIOSH -approved respirators. Wear a NIOSH approved air-purifying respirator with an appropriate cartridge.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Dark black viscous liquid.
Odour	Solvent like
Odour Threshold	Not available
pH	Not available
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	82 °C (180 °F)
Flash Point	> 38 °C (100 °F)
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	7% (upper); 1% (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	0.959 at 25 °C (77 °F)
Solubility	Insoluble in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	253 °C (487 °F)
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)
Other Information	
Physical State	Liquid
Bulk Density	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions of use.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Open flames, sparks, static discharge, heat and other ignition sources.

Incompatible Materials

Strong oxidizing agents (e.g. perchloric acid), halogens (e.g. chlorine).

Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide; very toxic, flammable aldehydes.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Product Identifier: Vulcanized Premium Undercoating - Ver. 2
Date of Preparation: June 01, 2018
Date of Last Revision: July 10, 2018

SDS No.: 0147

Page 05 of 08

Inhalation; skin contact; eye contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Stoddard solvent	> 5.28 mg/L (rat) (4-hour exposure)	> 5000 mg/kg (rat)	3000 mg/kg (rabbit)
Methanol	64000 ppm (rat) (4-hour exposure)	143 mg/kg	15800 mg/kg (rabbit)
Asphalt (Bitumen) fume	> 94.4 mg/m ³ (rat) (4-hour exposure)	> 5000 mg/kg	> 2000 mg/kg (rabbit)

Skin Corrosion/Irritation

No information was located.

Serious Eye Damage/Irritation

No information was located.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

No information was located.

Skin Absorption

No information was located.

Ingestion

No information was located.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

May cause damage to organs based on information for closely related chemicals.

Respiratory and/or Skin Sensitization

Not known to be a respiratory sensitizer. Not known to be a skin sensitizer.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Stoddard solvent	Group 3	Not Listed	Not Listed	Not Listed
Methanol	Not Listed	Not Listed	Not Listed	Not Listed
Asphalt (Bitumen) fume	Not Listed	A4	Not Listed	Not Listed

Not known to cause cancer.

Key to Abbreviations

IARC = International Agency for Research on Cancer. Group 3 = Not classifiable as to its carcinogenicity to humans.
ACGIH® = American Conference of Governmental Industrial Hygienists. A4 = Not classifiable as a human carcinogen.

Reproductive Toxicity

Development of Offspring

Not known to harm the unborn child.

Sexual Function and Fertility

Not known to cause effects on sexual function or fertility.

Effects on or via Lactation

Not known to cause effects on or via lactation.

Germ Cell Mutagenicity

Not known to be a mutagen.

Interactive Effects

Product Identifier: Vulcanized Premium Undercoating - Ver. 2
Date of Preparation: June 01, 2018
Date of Last Revision: July 10, 2018

SDS No.: 0147

Page 06 of 08

No information was located.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

The product should not allowed to enter the drains or water courses, or be deposited where it can affect ground or surface waters.

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Stoddard solvent	800 mg/L (Pimephales promelas (fathead minnow); 96-hour)	100 mg/L (Daphnia magna (water flea); 48-hour)	450 mg/L (Pseudokirchneriella subcapitata (algae); 96-hour)	Not available
Methanol	28100 mg/L (Pimephales promelas (fathead minnow); 96-hour)	10000 mg/L (Daphnia magna (water flea); 48-hour)	Not available	16.912 mg/L (96-hour)
Asphalt (Bitumen) fume	Not available	Not available	Not available	Not available

Persistence and Degradability

No information was located.

Bioaccumulative Potential

No information was located.

Mobility in Soil

No information was located.

Other Adverse Effects

There is no information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. This product and its container must be disposed of as hazardous waste. Do NOT dump into any sewers, on the ground or into any body of water. Empty containers retain product residue. Follow label warnings even if container appears to be empty. The container for this product can present explosion or fire hazards, even when emptied. Do not cut, puncture, or weld on or near this container. Store product for disposal as described under Storage in Section 7 of this safety data sheet.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

Environmental Hazards Not applicable

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Safety, health and environmental regulations/legislation specific for the substance or mixture.

Canada

Product Identifier: Vulcanized Premium Undercoating - Ver. 2

SDS No.: 0147

Date of Preparation: June 01, 2018

Date of Last Revision: July 10, 2018

Page 07 of 08

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

Additional USA Regulatory Lists

SARA Title III - Section 311/312. (Methanol) California Proposition 65. (Methanol) New Jersey Right To Know. (Methanol). (Asphalt (Bitumen) fume). (Stoddard solvent) Pennsylvania Right To Know. (Stoddard solvent). (Methanol). (Asphalt (Bitumen) fume)

SECTION 16. OTHER INFORMATION

SDS Prepared By	The Walker Group Manufacturing Inc.
Phone No.	416-412-2970
Date of Preparation	June 01, 2018
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Revision Indicators	Date of Preparation.
Key to Abbreviations	ACGIH® = American Conference of Governmental Industrial Hygienists AIHA® = AIHA® Guideline Foundation HSDB® = Hazardous Substances Data Bank IARC = International Agency for Research on Cancer NFPA = National Fire Protection Association NTP = National Toxicology Program NIOSH = National Institute for Occupational Safety and Health OSHA = US Occupational Safety and Health Administration RTECS® = Registry of Toxic Effects of Chemical Substances
References	CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS). HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS).

Product Identifier: Vulcanized Premium Undercoating - Ver. 2
Date of Preparation: June 01, 2018
Date of Last Revision: July 10, 2018

SDS No.: 0147

Page 08 of 08