


SPEEDOKOTE

refinish products

Section 1: Identification

Product Name	Single Stage Acrylic Urethane Paint Nardo Grey		
Product Code #	SPK9712		
Manufacturer	Speedokote LLC		
Address	5565 N. Webster Street Dayton, OH 45414 United States		
Phone	TECH SUPPORT	855-777-3336	
	SALES	855-777-3336	
	PHONE	855-777-3336	
Emergency Contact	CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300 International CHEMTREC, call: 1-800-255-3924 CHEMTREC is available days, nights, weekends and holidays.		
Website	www.speedokote.com		
Email	sales@speedokote.com		
Recommended Use/Restrictions	No Data Available		

Section 2: Hazards Identification

Classifications	Skin Corrosion: Category 2 Eye Damage/Irritant: Category 2A Carcinogenicity: Category 2 STOT Single Exposure: Category 3 STOT Repeated Exposure: Category 1 Flammable Liquid: Category 2
Pictograms	
Signal Word	Danger
Hazard Statements	H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H319 Causes serious eye irritation. H351 Suspected of causing cancer. H335 May cause respiratory irritation. H372 Causes damage to organs through prolonged or repeated exposure.
Precautionary Statements	Prevention: P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ventilating/lighting/other equipment. P242 Use only non-sparking tools.

- P243 | Take precautionary measures against static discharge.
- P201 | Obtain special instructions before use.
- P202 | Do not handle until all safety precautions have been read and understood.
- P260 | Do not breathe dust/fume/gas/mist/vapours/spray.
- P261 | Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 | Wash any exposed body parts thoroughly after handling.
- P270 | Do not eat, drink or smoke when using this product.
- P271 | Use only outdoors or in a well-ventilated area.
- P280 | Wear protective gloves/protective clothing/eye protection/face protection.
- P281 | Use personal protective equipment as required.

Response:

- P302 + P352 | IF ON SKIN: Wash with plenty of soap and water.
- P303 + P361 + P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304 + P340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308 + P313 | IF exposed or concerned: Get medical advice/attention.
- P312 | Call a POISON CENTER or doctor/physician if you feel unwell.
- P314 | Get medical advice/attention if you feel unwell.
- P321 | Specific treatment (see supplemental first aid instruction on this label if immediate administration of antidote/specific measures/cleansing agent/immediate measures is/are appropriate/required).
- P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention.
- P337 + P313 | If eye irritation persists: Get medical advice/attention.
- P362 | Take off contaminated clothing and wash before reuse.
- P370 + P378 | In case of fire: Use appropriate media for extinction if water increases risk.

Storage:

- P403 + P233 | Store in a well-ventilated place. Keep container tightly closed.
- P403 + P235 | Store in a well-ventilated place. Keep cool.
- P405 | Store locked up.

Disposal:

- P501 | Dispose of contents/container to appropriate waste disposal entity in accordance with local/regional/national/international regulation.

Percent of the mixture consisting of ingredient(s) of unknown toxicity

To the best of our knowledge, there are no additional ingredient(s) present requiring hazardous reporting or health warnings.

Section 3: Composition / Information on ingredients

Reportable Components	% of Comp.	CAS No.
parachlorobenzotriflouride	20 - 30%	98-56-6
Acetone	20 - 30%	67-64-1
Titanium Dioxide	5 - 10%	13463-67-7
Methyl n-Amyl Ketone	1% - 5%	110-43-0
Hexylene Glycol	1% - 5%	107-41-5
Methyl Acetate	1% - 5%	79-20-9

Silica, amorphous, precipitated and gel	0 - 1%	112926-00-8
Carbon Black	0 - 1%	1333-86-4

Section 4: First aid measures

General Advice	Have Safety Data Sheet available when calling Poison Control Center (1-800-222-1222) or physician; or when going to the emergency room.
Eyes	Immediately flush eye with plenty of water for 15 minutes, while lifting upper and lower eyelids. Remove contact lenses if present and easy to do. Continue rinsing. Check eye for chemical burns. Get medical attention.
Skin	Immediately wash with soap and water. Remove contaminated clothing and shoes. Wash or clean thoroughly before reuse. Get medical attention if irritation persists.
Inhalation	Remove to exposure to fresh air. If breathing is difficult, give oxygen. If breathing is stopped, give artificial respiration. Keep person warm and quiet. Get medical attention.
Ingestion	DO NOT INDUCE VOMITING! Call Poison Control Center, (1-800-222-1222) or physician immediately. NOTE: Aspiration of solvents may result in chemical pneumonia.

Section 5: Fire fighting measures

Fire Hazard	No
Extinguishing Media	Foam, CO2, Dry Chemical, Water Mist
Special Protective Equipment and Firefighting Procedures	Evacuate all unnecessary personnel. Use full protective equipment. Cool closed containers to prevent pressure build-up and possible explosion. Direct water stream is not recommended for oil base fires. Product may float and reignite on surface of water. Do not allow product or runoff from fire control measures to enter storm or sanitary sewers or waterways.
Unusual Fire & Explosion	Explosive vapor mixtures may form which is dangerous when exposed to heat and flame. Vapors are heavier than air and may travel along the ground, or be moved by ventilation, and ignited by pilot lights, stoves, heaters, electric motors, sparks, flame, smoking, static discharge or other ignition sources even at location distant from material handling site. Free falling stream of liquid may cause static electricity build-up and create fire hazard.
Hazardous Combustion Products	See Section 10

Section 6: Accidental release measures

Personal Precautions	Avoid any uncontrolled release of material. For personal precautions see section 8.
Spills / Leaks	Where spills are possible, a comprehensive spill response plan should be developed and implemented. Steps to be taken if material is released or spilled are as follows: Utilize recommended protective clothing and equipment. Spills should be swept by using. For disposal see section 13.

Section 7: Handling and storage

Handling

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and prompt removal of material from eyes skin and clothing. For precautions see section 2.2.

Storage

Store in a sealed container in a cool, dry environment.

Section 8: Exposure controls / personal protection

Exposure Limits

Chemical Description

parachlorobenzotrifluoride - 98-56-6 - 20 - 30%

OSHA Exposure Limits: No Data Available

ACGIH Exposure Limits: Not Established

OTHER Exposure Limits: No Data Available

Acetone - 67-64-1 - 20 - 30%

OSHA Exposure Limits: No Data Available

ACGIH Exposure Limits: 750 ppm STEL 500 ppm TWA

OTHER Exposure Limits: NIOSH: 250 ppm TWA; 590 mg/m3 TWA

Titanium Dioxide - 13463-67-7 - 5 - 10%

OSHA Exposure Limits: No Data Available

ACGIH Exposure Limits: 10 mg/m3 TWA

OTHER Exposure Limits: No Data Available

Methyl n-Amyl Ketone - 110-43-0 - 1% - 5%

OSHA Exposure Limits: No Data Available

ACGIH Exposure Limits: 50 ppm TWA

OTHER Exposure Limits: NIOSH: 100 ppm TWA; 465 mg/m3 TWA

Hexylene Glycol - 107-41-5 - 1% - 5%

OSHA Exposure Limits: No Data Available

ACGIH Exposure Limits: 25 ppm Ceiling

OTHER Exposure Limits: NIOSH: 25 ppm Ceiling; 125 mg/m3 Ceiling

Methyl Acetate - 79-20-9 - 1% - 5%

OSHA Exposure Limits: No Data Available

ACGIH Exposure Limits: 250 ppm STEL 200 ppm TWA

OTHER Exposure Limits: NIOSH: 200 ppm TWA; 610 mg/m3 TWA 250 ppm STEL; 760 mg/m3 STEL

Silica, amorphous, precipitated and gel - 112926-00-8 - 0 - 1%

OSHA Exposure Limits: No Data Available

ACGIH Exposure Limits: ACGIH TLV 10 mg/m3 as Dust

OTHER Exposure Limits: No Data Available

Carbon Black - 1333-86-4 - 0 - 1%

OSHA Exposure Limits: No Data Available

ACGIH Exposure Limits: 3 mg/m3 TWA (inhalable fraction)

OTHER Exposure Limits: NIOSH: 3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)

Engineering Controls

USE ONLY WITH ADEQUATE VENTILATION. Provide mechanical ventilation, local exhaust or other appropriate means of ventilation to prevent build-up of vapor or dust. Keep worker exposure to airborne contaminants below suggested or allowable limits. Keep area vapor and/or dust concentrations below lower explosive limits. Eye wash and safety showers are recommended in the workplace.

Personal Protective Equipment

Hand

Wear impermeable, chemical resistant gloves to prevent skin contact. Consult safety equipment supplier for specific recommendations of construction material. Wash hands with soap and water after using and before eating or using tobacco products.

Eyes

Wear chemical goggles designed to protect eyes against vapor, liquid splash and mists unless full-face respirator is worn. Ensure eye wash and safety showers are near workstations. NOTE: Contact lenses may contribute to the severity of an eye injury and should be removed immediately if exposure occurs.

Skin

Wear protective clothing, including headcap, to avoid skin contact with liquid or overspray. Thoroughly clean contaminated clothing and shoes before reuse.

Respiratory

USE ADEQUATE VENTILATION! Ensure fresh air entry during application and

drying. If you experience eye watering, headache, dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved for the hazardous ingredients listed in Section 3) during and after application. Follow respirator manufacturer's instructions for use. Periodically monitor exposure levels to hazardous ingredients listed in Section 3 and review permissible exposure limits above.

Section 9: Physical and chemical properties

Appearance	No Data	Viscosity	No Data
Physical State	No Data	Upper Flammability/Explosive Limit	16.00
Color	No Data	Lower Flammability/Explosive Limit	0.60
Odor	No Data	Vapor Pressure	No Data
pH value	No Data	Vapor Density	2.00
Freezing Point (F)	-144.40F (estimated)	Vapor Temperature	No Data
Boiling Point (F)	132.89F (estimated)	Relative Density/Specific Gravity	1.11
Flash Point (F)	-4.0F (estimated)	Solubility	No Data
Flash Point Method Used	P Marten	Partition Coefficient	No Data
Evaporation Rate	No Data	Auto-Ignition Temperature	583F / 306C (estimated)
Flammability	No	Decomposition Temperature	No Data

Section 10: Stability and reactivity

Chemical Reactivity	No specific test data related to reactivity available for this product or its ingredients.
Chemical Stability	Product is stable.
Conditions to Avoid	High temperatures, humidity, ignition sources and vapor build-up.
Materials to Avoid	Strong Oxidizing Agents Acids Alkalis Bases
Hazardous Decomposition	Carbon Monoxide, Carbon Dioxide, Hydrocarbons, Aldehydes, Other Organic Compounds

Section 11: Toxicological information

Acute Toxicity

Reportable Components

LC50 Inhalation

CAS 98-56-6 - Rat: 33 mg/L
 CAS 67-64-1 - Rat: 50100 mg/m³
 CAS 110-43-0 - Rat: 16.7 mg/L
 CAS 107-41-5 - Rat: 310 mg/m³ NLM_CIP
 CAS 79-20-9 - Rat: 16000 ppm

LD50 Oral

CAS 98-56-6 - Rat : 13 g/kg

CAS 67-64-1 - Rat: 5800 mg/kg
 CAS 13463-67-7 - Rat : 10000 mg/kg
 CAS 110-43-0 - Rat : 1600 mg/kg
 CAS 107-41-5 - Rat : 3692 mg/kg
 CAS 79-20-9 - Rat: 5 g/kg NLM_CIP

LD50 Dermal

CAS 98-56-6 - Rabbit: 2.7 g/kg
 CAS 67-64-1 - Rat: 20000 mg/kg
 CAS 110-43-0 - Rabbit: 12600 mg/kg
 CAS 79-20-9 - Rabbit: 5 g/kg NLM_CIP

Inhalation

Description of Effects From Short- and Long-Term Exposure:

Vapors and mists irritate nose, throat, and lungs (burning, stinging, coughing). May cause headache, dizziness, nausea, weakness, shortness of breath and loss of coordination. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Exposure to extremely high vapor concentrations may cause unconsciousness and asphyxiation. Dust, sanding dusts and particles may cause nose and throat irritation.

Ingestion

Description of Effects From Short- and Long-Term Exposure:

Causes nausea, vomiting, diarrhea and severe central nervous system depression (headache, dizziness, nausea, loss of coordination).

Eyes

Description of Effects From Short- and Long-Term Exposure:

Contact with liquid or vapors causes severe irritation (redness, watering, itching, stinging, blurred vision) and possible cornea damage.

Skin

Description of Effects From Short- and Long-Term Exposure:

Contact causes mild to severe irritation (dryness, itching, cracking, rash and swelling) and possible burns with prolonged contact.

Carcinogen Information

Carcinogens Listing

Contains a chemical with the potential to cause cancer. Risk of cancer depends on level and duration of exposure.

CAS#	Description	Weight%	NTP	IARC	OSHA
13463-67-7	Titanium Dioxide	5 - 10%			
112926-00-8	Silica, amorphous, precipitated and gel	0 - 1%			
1333-86-4	Carbon Black	0 - 1%		2B	

Section 12: Ecological information

Aquatic Toxicity Not Applicable.

98-56-6
 48 Hr EC50 Daphnia magna: 3.68 mg/L

67-64-1
 96 Hr LC50 Oncorhynchus mykiss: 4.74 - 6.33 mL/L; 96 Hr LC50 Pimephales promelas: 6210 - 8120 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 8300 mg/L 48 Hr EC50 Daphnia magna: 10294 - 17704 mg/L [Static]; 48 Hr EC50 Daphnia magna: 12600 - 12700 mg/L

110-43-0
 96 Hr LC50 Pimephales promelas: 126 - 137 mg/L [flow-through]

107-41-5
 96 Hr LC50 Pimephales promelas: 10500 - 11000 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 10000 mg/L [static]; 96 Hr LC50 Pimephales promelas: 8690 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 10700 mg/L [static] 48 Hr EC50 Daphnia magna: 2700 - 3700 mg/L

79-20-9
 96 Hr LC50 Pimephales promelas: 295 - 348 mg/L [flow-through]; 96 Hr LC50 Brachydanio rerio: 250 - 350 mg/L [static] 48 Hr EC50 Daphnia magna: 1026.7 mg/L 72 Hr EC50 Desmodesmus subspicatus: >120 mg/L

Biodegradability No Data

Bioaccumulation No Data

Section 13: Disposal consideration

Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations. Regulations may vary by location.

Section 14: Transportation information

AGENCY	PROPER SHIPPING NAME	UN NUMBER	PACKING GROUP	HAZARD CLASS
IATA			No Data Available	
IMDG			No Data Available	
USDOT			No Data Available	

Limited Quantity: For packages not in excess of 5L.

Section 15: Regulatory information

TSCA: The following components are listed under TSCA

- 98-56-6 parachlorobenzotrifluoride 20 - 30%
- 67-64-1 Acetone 20 - 30%
- 13463-67-7 Titanium Dioxide 5 - 10%
- 110-43-0 Methyl n-Amyl Ketone 1% - 5%
- 107-41-5 Hexylene Glycol 1% - 5%
- 79-20-9 Methyl Acetate 1% - 5%
- 73936-91-1 2-(2H-benzotriazol-2-yl)-6-(1-methyl-1-phenyl)-4-(1,1,3,3-te 0 - 1%
- 21645-51-2 Aluminum Hydroxide 0 - 1%
- 41556-26-7 Bis(1, 2, 2, 6, 6-Pentamethyl-4-piperidinyl) Sebacate 0 - 1%
- 1333-86-4 Carbon Black 0 - 1%
- 82919-37-7 Methyl 1, 2, 2, 6, 6-pentamethyl-4-piperidyl sebacate 0 - 1%
- 64742-47-8 Petroleum Distillates, Hydrotreated Light 0 - 1%

SARA 311/312:

None

SARA 313:

None

NJ RTK: The following components are listed under NJ RTK

67-64-1 Acetone 20 - 30%
13463-67-7 Titanium Dioxide 5 - 10%
110-43-0 Methyl n-Amyl Ketone 1% - 5%
107-41-5 Hexylene Glycol 1% - 5%
79-20-9 Methyl Acetate 1% - 5%
112926-00-8 Silica, amorphous, precipitated and gel 0 - 1%
1333-86-4 Carbon Black 0 - 1%

PA RTK: The following components are listed under PA RTK

67-64-1 Acetone 20 - 30%
13463-67-7 Titanium Dioxide 5 - 10%
110-43-0 Methyl n-Amyl Ketone 1% - 5%
107-41-5 Hexylene Glycol 1% - 5%
79-20-9 Methyl Acetate 1% - 5%
112926-00-8 Silica, amorphous, precipitated and gel 0 - 1%
1333-86-4 Carbon Black 0 - 1%

MA RTK: The following components are listed under MA RTK

67-64-1 Acetone 20 - 30%
13463-67-7 Titanium Dioxide 5 - 10%
110-43-0 Methyl n-Amyl Ketone 1% - 5%
107-41-5 Hexylene Glycol 1% - 5%
79-20-9 Methyl Acetate 1% - 5%
112926-00-8 Silica, amorphous, precipitated and gel 0 - 1%
1333-86-4 Carbon Black 0 - 1%

California Prop. 65

WARNING: This product can expose you to chemicals including the chemicals listed below, which is[are] known to the State of California to cause cancer and/or birth defects and/or other reproductive harm. For more information go to www.P65Warnings.ca.gov

parachlorobenzotrifluoride - 98-56-6 - cancer

Titanium Dioxide - 13463-67-7 - cancer

Carbon Black - 1333-86-4 - cancer

Ethylbenzene - 100-41-4 - cancer

Section 16: Other information

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DISCLAIMER

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