



SAFETY DATA SHEET

SECTION 1 - Chemical Product and Company Information

Product Name: SMOKE Product Code: PP3098

Manufactured by:
Gemini Coatings
2300 Holloway Drive
El Reno, OK 73036
800-262-5710

24- Hour Emergency (Spill, Leak, Exposure or Accident):
INFOTRAC 800-535-5053
Outside USA, Call Collect 1-352-323-3500

24- Hour Emergency HAZMAT Response and MSDS Help:
EMI 800-510-8510

Product Use: A protective and/or decorative finish or accompanying product (reference label or product data sheet for more information).

Not recommended for: Any other use not detailed on product data sheet or label.

SECTION 2 - Hazards Identification

GHS Ratings:

Flammable liquid	2	Flash point < 23°C and initial boiling point > 35°C (95°F)
Dermal Toxicity	Acute Tox. 1	Dermal<=50mg/kg
Inhalation Toxicity	Acute Tox. 3	Gases>500+<=2500ppm, Vapors>2+<=10mg/l, Dusts&mists>0.5+<=1mg/l
Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days
Skin sensitizer	1	Skin sensitizer
Mutagen	1B	Known to produce heritable mutations in human germ cellsSubcategory 1B, Positive results: In vivo heritable germ cell tests in mammals, Human germ cell tests, In vivo somatic mutagenicity tests, combined with some evidence of germ cell mutagenicity
Carcinogen	1A	Known Human Carcinogen Based on human evidence
Reproductive toxin	1A	Based on human evidence
Aspiration hazard	1	Aspiration Toxicity Category 1: Known (regarded)- human evidence - hydrocarbons with kinematic viscosity ? 20.5 mm2/s at 40° C.

GHS Hazards

H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H310	Fatal in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H331	Toxic if inhaled
H340	May cause genetic defects
H350	May cause cancer
H360	May damage fertility or the unborn child

GHS Precautions

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood
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/light/mixers/equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P261	Avoid breathing dust/fume/gas/mist/vapours/spray

P262	Do not get in eyes, on skin, or on clothing
P264	Wash any exposed skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P310	Immediately call a POISON CENTER or doctor/physician
P311	Call a POISON CENTER or doctor/physician
P321	Specific treatment (see First Aid section on this label)
P322	Specific measures (see First Aid section on this label)
P331	Do NOT induce vomiting
P361	Remove/Take off immediately all contaminated clothing
P362	Take off contaminated clothing and wash before reuse
P363	Wash contaminated clothing before reuse
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+P350	IF ON SKIN: Gently wash with soap and water
P302+P352	IF ON SKIN: Wash with 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 continuously 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
P332+P313	If skin irritation occurs: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P337+P313	Get medical advice/attention
P370+P378	In case of fire: Use the NFPA Class B extinguisher for extinction
P405	Store locked up
P403+P233	Store in a well ventilated place. Keep container tightly closed
P403+P235	Store in a well ventilated place. Keep cool
P501	Do not flush to sewer, watershed or waterway. Dispose of product in accordance with applicable local, county, state and federal regulations.

Signal Word: Danger



SECTION 3 - Composition/Information on Ingredients

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
MINERAL SPIRITS 8052-41-3 35%	500 ppm TWA; 2900 mg/m3 TWA	100 ppm TWA	NIOSH: 350 mg/m3 TWA 1800 mg/m3 Ceiling (15 min)
Titanium dioxide 13463-67-7 10%	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	NIOSH: 2.4 mg/m3 TWA (CIB 63, fine); 0.3 mg/m3 TWA (CIB 63, ultrafine, including engineered nanoscale)
Solvent naphtha, petroleum, heavy aromatic 64742-94-5 10%			
Talc 14807-96-6 5%		2 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)	NIOSH: 2 mg/m3 TWA (containing no Asbestos and <1% Quartz, respirable dust)
Ethyl alcohol 64-17-5 4%	1000 ppm TWA; 1900 mg/m3 TWA	1000 ppm STEL	NIOSH: 1000 ppm TWA; 1900 mg/m3 TWA
Benzene, 1,2,4-trimethyl- 95-63-6 2%			NIOSH: 25 ppm TWA; 125 mg/m3 TWA
Silica, amorphous, fumed, crystalline-free 112945-52-5 2%			
Naphthalene 91-20-3 1%	10 ppm TWA; 50 mg/m3 TWA	10 ppm TWA	NIOSH: 10 ppm TWA; 50 mg/m3 TWA 15 ppm STEL; 75 mg/m3 STEL
Naphtha, petroleum, hydrotreated heavy 64742-48-9 0.9%			
Solvent naphtha, petroleum, light aromatic 64742-95-6 0.9%			
Silica, amorphous 7631-86-9 0.5%			NIOSH: 6 mg/m3 TWA
Carbon black 1333-86-4 0.3%	3.5 mg/m3 TWA	3 mg/m3 TWA (inhalable particulate matter)	NIOSH: 3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)

2-Butanone, oxime 96-29-7 0.1%			
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SECTION 4 - First Aid Measures

Inhalation:

Remove exposed individual to fresh air and assist breathing if necessary. Seek medical attention.

Eye Contact:

Flush eyes with lukewarm water for 15 minutes. Get medical attention if irritation continues.

Skin:

Remove contaminated clothing, wash area immediately with soap and water. See physician if irritation persists.

Ingestion:

Rinse mouth out immediately. DO NOT induce vomiting. Keep person warm and contact physician or poison control center immediately.

SECTION 5 - Fire Fighting Measures

Alcohol Foam, CO2, Dry Chemical

Hazardous combustible products produced are CO, CO2, and hydrocarbons.

Use self-contained breathing apparatus and full protective clothing for indoor or large fires. Water may be used to cool containers.

Use the National Fire Protection Association Class B extinguisher.

SECTION 6 - Accidental Release Measures

Stay upwind and away from spill or leak unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Use non-sparking tools for clean up. Cover with inert material to reduce fumes. Keep out of drains, sewer or waterways.

If large spill occurs, alert spill response teams. Contact fire authorities. Notify local health and pollution control agencies.

SECTION 7- Handling and Storage

Handling:

Keep container closed when not in use.

Storage:

Do not store near heat or ignition sources.

SECTION 8 - Exposure Controls/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
MINERAL SPIRITS 8052-41-3	500 ppm TWA; 2900 mg/m3 TWA	100 ppm TWA	NIOSH: 350 mg/m3 TWA 1800 mg/m3 Ceiling (15 min)
Titanium dioxide 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	NIOSH: 2.4 mg/m3 TWA (CIB 63, fine); 0.3 mg/m3 TWA (CIB 63, ultrafine, including engineered nanoscale)
Solvent naphtha, petroleum, heavy aromatic 64742-94-5			

Talc 14807-96-6		2 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)	NIOSH: 2 mg/m3 TWA (containing no Asbestos and <1% Quartz, respirable dust)
Ethyl alcohol 64-17-5	1000 ppm TWA; 1900 mg/m3 TWA	1000 ppm STEL	NIOSH: 1000 ppm TWA; 1900 mg/m3 TWA
Benzene, 1,2,4-trimethyl- 95-63-6			NIOSH: 25 ppm TWA; 125 mg/m3 TWA
Silica, amorphous, fumed, crystalline-free 112945-52-5			
Naphthalene 91-20-3	10 ppm TWA; 50 mg/m3 TWA	10 ppm TWA	NIOSH: 10 ppm TWA; 50 mg/m3 TWA 15 ppm STEL; 75 mg/m3 STEL
Naphtha, petroleum, hydrotreated heavy 64742-48-9			
Solvent naphtha, petroleum, light aromatic 64742-95-6			
Silica, amorphous 7631-86-9			NIOSH: 6 mg/m3 TWA
Carbon black 1333-86-4	3.5 mg/m3 TWA	3 mg/m3 TWA (inhalable particulate matter)	NIOSH: 3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)
2-Butanone, oxime 96-29-7			

Use local exhaust as required to control vapor concentrations.
Avoid prolonged or repeated breathing of vapors.

Respiratory Protection:

If exposure exceeds TLV or PELs, use NIOSH approved respirator to prevent overexposure.

Skin Protection:

Gloves recommended for prolonged skin contact.

Eye Protection:

Chemical splash goggles should be used when working with chemicals.

Hygienic Practices

Wash hands thoroughly before eating or using the restroom. Remove contaminated clothing immediately and do not wear again until it has been properly laundered.

SECTION 9 - Physical and Chemical Properties

Vapor Density >1 Boiling range: 78 - 3000°C Freezing point: N/A Flammability: N/A Autoignition temperature: 226°C Relative Density: N/A Odor threshold: N/A	Evaporation Rate N/A Melting point: N/A Flash point: 55°F, 13°C Explosive Limits: N/A Decomposition temperature: N/A Vapor Pressure N/A pH: N/A
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SPECIFIC GRAVITY 1.0102 Partition coefficient (n- N/A octanol/water): Grams VOC less water: N/A % WT. VOLATILE (VOC) 60.6462 Lbs VOC/Gallon Solids 21.0722 SOLIDS VOL% 24.2087 SPREAD @ 1 MIL 388.3080 Appearance Colored Liquid Physical State Liquid Coating VOC (g/l) 611.2910 Coating VOC (Lb/Gl) 5.1013	Solubility: N/A Viscosity: N/A % VOLUME VOLATILE (VOC) 75.7913 % Pig. by wt. 18.4188 VOLATILE WT% 60.6462 DENSITY (Lb/Gal) 8.4116 HAPS (lbs/gl) 0.1137 Odor Alcohol-like Material VOC (g/l) 611.2910 Material VOC (Lb/Gl) 5.1013
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SECTION 10 - Stability and Reactivity

Stability: Stable under normal conditions.

Materials to Avoid: Strong oxidizing agents.

Conditions to avoid: Heat and ignition sources.

Hazardous Decomposition: CO, CO₂, and hydrocarbons.

Hazardous polymerization will not occur.

SECTION 11 - Toxicological Information

Mixture Toxicity

Dermal Toxicity LD50: 21mg/kg

Inhalation Toxicity LC50: 5mg/L

Component Toxicity

64742-94-5	Solvent naphtha, petroleum, heavy aromatic Oral LD50: 5,000 mg/kg (Rat) Dermal LD50: 2 mL/kg (Rabbit) Inhalation LC50: 590 mg/m ³
95-63-6	Benzene, 1,2,4-trimethyl- Oral LD50: 3,280 mg/kg (Rat) Dermal LD50: 3,160 mg/kg (Rabbit) Inhalation LC50: 18 g/m ³
91-20-3	Naphthalene Oral LD50: 1,110 mg/kg (Rat) Dermal LD50: 1,120 mg/kg (Rabbit) Inhalation LC50: 340
64742-48-9	Naphtha, petroleum, hydrotreated heavy Dermal LD50: 3,160 mg/kg (Rabbit)
64742-95-6	Solvent naphtha, petroleum, light aromatic Dermal LD50: 2,000 mg/kg (Rabbit) Inhalation LC50: 3,400 ppm (Rat)
7631-86-9	Silica, amorphous Dermal LD50: 2,000 mg/kg (Rabbit) Inhalation LC50: 2 mg/L (Rat)
96-29-7	2-Butanone, oxime Oral LD50: 930 mg/kg (Rat) Dermal LD50: 1,000 - (Rabbit) Inhalation LC50: 5 mg/L (Rat)

Primary Routes of Entry: Inhalation, Skin Contact, Eyes, Ingestion

Overexposure may aggravate pre-existing breathing, CNS and skin disorders.

Skin:

Skin contact can cause redness, dryness or rash. Prolonged contact can cause irritation, dry skin, cracks, and dermatitis.

Ingestion:

Can cause vomiting, nausea, diarrhea, and gastrointestinal irritation.

Inhalation:

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache possible unconsciousness and even asphyxiation. High vapor concentrations or prolonged breathing of lower concentrations may result in damage to the liver, kidneys, lungs and blood forming organs. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

Eyes:

Can cause irritation, redness, tearing and blurred vision.

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
1333-86-4	Carbon black	0.3%	Carbon black: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed
13463-67-7	Titanium dioxide	10%	Titanium dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed
64-17-5	Ethyl alcohol	4%	Ethyl alcohol: IARC: Human carcinogen OSHA: listed
64742-48-9	Naphtha, petroleum, hydrotreated heavy	0.9%	Naphtha, petroleum, hydrotreated heavy: EU REACH: Present (P)
64742-95-6	Solvent naphtha, petroleum, light aromatic	0.9%	Solvent naphtha, petroleum, light aromatic: EU REACH: Present (P)
8052-41-3	MINERAL SPIRITS	35%	MINERAL SPIRITS: EU REACH: Present (P)
91-20-3	Naphthalene	1%	Naphthalene: IARC: Possible human carcinogen OSHA: listed

SECTION 12 - Ecological Information
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Ecological Information:

Uncontrolled release of the product may result in contamination of air, ground, waterways and/or sewers.

Component Ecotoxicity

Solvent naphtha, petroleum, heavy aromatic	LC50 96 h Pimephales promelas 19 mg/L [static] (IUCLID); LC50 96 h Oncorhynchus mykiss 2.34 mg/L (IUCLID); LC50 96 h Lepomis macrochirus 1740 mg/L [static] (IUCLID); LC50 96 h Pimephales promelas 45 mg/L [flow-through] (IUCLID); LC50 96 h Pimephales promelas 41 mg/L (IUCLID) EC50 48 h Daphnia magna 0.95 mg/L (IUCLID)
Talc	LC50 96 h Brachydanio rerio >100 g/L [semi-static]
Ethyl alcohol	LC50 96 h Oncorhynchus mykiss 12.0 - 16.0 mL/L [static] (EPA); LC50 96 h Pimephales promelas >100 mg/L [static] (EPA); LC50 96 h Pimephales promelas 13400 - 15100 mg/L [flow-through] (EPA) LC50 48 h Daphnia magna 9268 - 14221 mg/L (IUCLID); EC50 48 h Daphnia magna 2 mg/L [Static] (EPA)
Benzene, 1,2,4-trimethyl-	LC50 96 h Pimephales promelas 7.19 - 8.28 mg/L [flow-through] (EPA) EC50 48 h Daphnia magna 6.14 mg/L (IUCLID)

Naphthalene	LC50 96 h Pimephales promelas 5.74 - 6.44 mg/L [flow-through] (EPA); LC50 96 h Oncorhynchus mykiss 1.6 mg/L [flow-through] (EPA); LC50 96 h Oncorhynchus mykiss 0.91 - 2.82 mg/L [static] (EPA); LC50 96 h Pimephales promelas 1.99 mg/L [static] (IUCLID); LC50 96 h Lepomis macrochirus 31.0265 mg/L [static] (EPA) LC50 48 h Daphnia magna 2.16 mg/L (IUCLID); EC50 48 h Daphnia magna 1.96 mg/L [Flow through] (EPA); EC50 48 h Daphnia magna 1.09 - 3.4 mg/L [Static] (EPA)
Naphtha, petroleum, hydrotreated heavy	LC50 96 h Pimephales promelas 2200 mg/L (IUCLID)
Solvent naphtha, petroleum, light aromatic	LC50 96 h Oncorhynchus mykiss 9.22 mg/L (IUCLID) EC50 48 h Daphnia magna 6.14 mg/L (IUCLID)
Silica, amorphous	LC50 96 h Brachydanio rerio 5000 mg/L [static] (IUCLID) EC50 48 h Ceriodaphnia dubia 7600 mg/L (IUCLID) EC50 72 h Pseudokirchneriella subcapitata 440 mg/L (IUCLID)
2-Butanone, oxime	LC50 96 h Pimephales promelas 777 - 914 mg/L [flow-through] (EPA); LC50 96 h Poecilia reticulata 760 mg/L [static] (IUCLID) EC50 48 h Daphnia magna 750 mg/L (IUCLID) EC50 72 h Desmodesmus subspicatus 83 mg/L (IUCLID)

SECTION 13 - Disposal Considerations

Do not flush to sewer, watershed or waterway. Dispose of product in accordance with applicable local, county, state and federal regulations. See Section 8 for information on exposure control and necessary personal protective equipment.

SECTION 14 - Transportation Information

Ship according to the Department of Transportation (DOT) 49 CFR regulations.

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	LIMITED QUANTITY PAINT Freight Class: 70			

SECTION 15 - Regulatory Information

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):

This product contains the following listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

- 1333-86-4 Carbon black
- 91-20-3 Naphthalene
- 64-17-5 Ethyl alcohol
- 13463-67-7 Titanium dioxide

The following ingredients are listed in the TSCA Section 8(b) Inventory (Hydrated forms of chemical substances are exempt from the inventory as mixtures; the anhydrous chemical substances, however, are reportable for the Inventory):

- 96-29-7 2-Butanone, oxime
- 1333-86-4 Carbon black
- 7631-86-9 Silica, amorphous
- 64742-95-6 Solvent naphtha, petroleum, light aromatic
- 64742-48-9 Naphtha, petroleum, hydrotreated heavy
- 91-20-3 Naphthalene
- 95-63-6 Benzene, 1,2,4-trimethyl-
- 64-17-5 Ethyl alcohol
- 14807-96-6 Talc
- 64742-94-5 Solvent naphtha, petroleum, heavy aromatic
- 13463-67-7 Titanium dioxide
- 8052-41-3 MINERAL SPIRITS

US CAA Section 112 Hazardous Air Pollutants (HAPs) List

- 91-20-3 Naphthalene

US EPCRA (SARA Title III) Section 313 - Toxic Chemical:

91-20-3 Naphthalene
95-63-6 Benzene, 1,2,4-trimethyl-

Hazardous Material Information System (HMIS)

HEALTH	<input type="text" value="3"/>	HMIS & NFPA Hazard Rating Legend * = Chronic Health Hazard 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH
FLAMMABILITY	<input type="text" value="3"/>	
PHYSICAL HAZARD	<input type="text" value="0"/>	
PERSONAL PROTECTION	<input checked="" type="checkbox"/>	

SECTION 16 - Disclaimer

Date Prepared: 7/10/2023

Date revised: 2023-07-10

Reviewer Revision

THIS DOCUMENT SUPERSEDES ANY PROVISION CONTAINED IN THE FORMS, LETTERS, AND PAPERS OF YOUR COMPANY. THIS PRODUCT IS DESIGNED AND INTENDED FOR PROFESSIONAL APPLICATION ONLY. ALL PRODUCTS SHOULD BE THOROUGHLY TESTED UNDER APPLICATION CONDITIONS PRIOR TO USE. THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE RELIABLE. HOWEVER, GEMINI MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED. INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES SHALL GEMINI BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR ANY OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH OR WARRANTY, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, ARISING OUT OF THE USE OR HANDLING OF THIS PRODUCT. THE SOLE REMEDY OF THE BUYER AND THE SOLE LIABILITY OF GEMINI FOR ANY CLAIMS SHALL BE LIMITED TO THE BUYER'S PURCHASE PRICE OF THE PRODUCT WHICH IS THE SUBJECT OF THE CLAIM OR THE AMOUNT ACTUALLY PAID FOR SUCH PRODUCT, WHICHEVER IS LESS. TECHNICAL ADVICE FURNISHED BY GEMINI SHALL NOT CONSTITUTE AN EXPRESS WARRANTY, WHICH IS EXPRESSLY DISCLAIMED. ALL TECHNICAL ADVICE GIVEN IS ACCEPTED AT THE RISK OF THE BUYER.