



Factor II Inc. encourages the end user to read this document entirely and understand all sections of this SDS sheet prior to use. There is important information regarding this product. The end user is expected to follow all precautions outlined in this SDS.

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER

Product Name : Platinum Primer

Product Code : A-306

Intended Use(s) : For professional use only

CONTACT INFORMATION FOR SUPPLIER OF SAFETY DATA SHEET

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EMERGENCY TELEPHONE NUMBERS

928- 368-7502

SECTION 2: HAZARD(S) IDENTIFICATION

2.1. Classification of the substance or mixture

GHS-US classification

Flam. Liq. 2	H225
Skin Irrit. 2	H315
Eye Dam. 1	H318
Asp. Tox. 1	H304
Aquatic Acute 3	H402

Full text of H-phrases: See Section 16

2.2. Label elements

Hazard pictograms (GHS-US) :



GHS02



GHS05



GHS08



Signal word (GHS-US) :

Hazard statements (GHS-US) :

Danger

H225 - Highly fl Hazard pictograms (GHS-US) :

H304 - May be fatal if swallowed and enters
airways

H315 - Causes skin irritation

H318 - Causes serious eye damage

H402 – Harmful to aquatic life

Precautionary statements (GHSUS):

P210 - Keep away from heat, sparks, open
flames, hot surfaces. – No smoking.

P240 - Ground/bond container and receiving
equipment.

P241 - Use explosion-proof electrical, ventilating,
and lighting equipment.

P242 - Use only non-sparking tools.

P243 - Take precautionary measures against
static discharge.

P264 - Wash hands, forearms, and other
exposed areas thoroughly after handling.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective
clothing, eye protection, face protection,
respiratory protection.

P301+P310 - If swallowed: Immediately call a
poison center or doctor.

P303+P361+P353 - If on skin (or hair): Take off
immediately all contaminated clothing. Rinse skin
with water/shower.

P305+P351+P338 - If in eyes: Rinse cautiously
with water for several minutes. Remove contact
lenses, if present and easy to do. Continue
rinsing.

P310 - Immediately call a poison center or doctor.

P321 - Specific treatment (see section 4 on this
SDS).

P331 - Do NOT induce vomiting.

P332+P313 - If skin irritation occurs: Get medical
advice/attention.

P362+P364 - Take off contaminated clothing and
wash it before reuse.

P370+P378 - In case of fire: Use appropriate
media to extinguish.

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

P405 - Store locked up.



P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other hazards

Other hazards not contributing to
The classification:

Exposure may aggravate pre-existing eye, skin or respiratory conditions.

2.4 Unknown acute toxicity (GHS US)

No data available

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**3.1 Substances**

Not applicable

3.2 Mixture

Name	Product Identifier	%	GHS-US Classification
Solvent naphtha, petroleum, light aliphatic	(CAS-No.) 64742-89-8	75-85	Flam. Liq. 2, H225 Skin. Irrit. 2, H315 Asp. Tox. 1, H304 Aquatic Acute 3, H402
1- Butanol, titanium(4+) salt	(CAS-No.) 5593-70-4	<10	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H336 STOT SE 3, H335
Silicic acid (H ₄ SiO ₄), tetrapropylester	(CAS-No.) 682-01-9	<10	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Silicic acid (H ₄ SiO ₄), tetrakis(2-methoxyethyl) ester	(CAS-No.) 2157-45-1	<10	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Platinum Catalyst	(CAS-No.) 68478-92-2	<1	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335

Full text of H-Phrases : See Section 16

SECTION 4: FIRST-AID MEASURES**4.1 Description of first aid measures**

First aid measures general

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice. (Show the label when possible).

First-aid measures after inhalation

When symptoms occur; go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.



First-aid measures skin contact	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
First-aid measures after eye contact	Rinse cautiously for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
First-aid measures after ingestion	do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Systems/effects	Causes skin irritation. Causes serious eye damage. May be fatal if swallowed and enters airways.
Symptoms/effects after inhalation	Prolonged exposure may cause irritation.
Symptoms/effects after skin contact	Redness, pain, swelling, itching, burning, dryness, dermatitis.
Symptoms/effects after eye contact	Causes permanent damage to the cornea, iris, or conjunctiva.
Symptoms/effects after ingestion	Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.
Chronic symptoms	None expected under normal conditions of use.

4.3 Indication of any immediate medical attention and special treatment needed

If exposed or concerned get medical advice or attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO ₂). Water may be ineffective, but water should be used to keep fire-exposed container cool.
Unsuitable extinguishing media	Do not use heavy water stream. A heavy water stream may spread burning liquid.

5.2 Special hazards arising from the substance or mixture

Fire Hazard	Highly flammable liquid vapor.
Explosion Hazard	May form flammable or explosive vapor-air mixture.
Reactivity	Reacts violently with strong oxidizers. Increased risk of fire or explosion.

5.3 Advice for Fire Fighters

Precautionary measures fire:	Exercise caution when fighting any chemical fire.
Firefighting instructions:	Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
Protection during firefighting:	Do not enter fire area without proper protective equipment, including respiratory protection.
Other information:	Do not allow the product to be released into the environment.



SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures

General measures

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 special care to avoid static electric charges. Do not breath vapor, mist or spray.

6.1.1 For non-emergency personnel

Protective equipment

Use appropriate personal protective equipment (PPE)

Emergency procedures

Evacuate unnecessary personnel. Stop leak if safe to do so.

6.1.2 For emergency responders

Protective equipment

Equip cleanup crew with proper protection.

Emergency procedures

Ventilate area. Eliminate ignition sources. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2 Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3 Methods and material for containment and clean up

For containment

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill, or leak area in all directions.

Methods for clean up

Absorb and/or contain spill with inert material. Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools. Contact competent authorities after spill.

6.4 Reference to other sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Additional hazards when processed: Handle empty containers with care because residual vapors are flammable. Hot organic chemical vapors or mists are susceptible to spontaneous combustion when mixed with air, ignition may occur below auto ignition temperature. Ignition temperatures will decrease with increasing vapor volumes, vapor air contact time, and



pressure changes. Ignition may occur at elevated-temperature process conditions, especially under a vacuum. Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained. Flammable vapors can accumulate in head space of closed systems.

Precautions for safe handling:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only non-sparking tools. Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid all eye and skin contact and do not breathe vapor and mist. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands, forearms, and other exposed areas thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures:

Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

Storage conditions:

Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place. Keep container tightly closed. Store locked up. Store away from incompatible materials. Store away from direct sunlight or other heat sources. Store away from oxidizers, combustible materials, and all ignition sources.

Incompatible products:

Strong acids. Strong bases. Strong oxidizers. Heat sources. Ignition sources.

Storage area:

Store locked up. Store in a well-ventilated place. Keep cool.

7.3 Specific end use(s)

For professional use only.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters



For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), or OSHA (PEL).

8.2 Exposure controls

Appropriate engineering controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment: Protective goggles. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.



Materials for protective clothing: Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.
Hand protection: Wear chemically resistant protective gloves.
Eye protection: Chemical goggles or face shield.
Skin and body protection: Wear suitable protective clothing. Wash contaminated clothing before reuse.
Respiratory protection: In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
Consumer exposure controls: Do not eat, drink or smoke during use.
Other information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical state: Liquid
Appearance: Colorless
Odor: Solvent
Odor threshold: No data available
pH: No data available
Evaporation rate: No data available
Melting point: No data available
Freezing point: No data available
Boiling point: 99 °C (210°F)
Flash point: 17 °C (63°F)



Auto-ignition Temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid, gas):	No data available
Vapor pressure:	No data available
Relative vapor density at 20 °C:	No data available
Relative density:	No data available
Solubility:	No data available
Partition coefficient	
n-octanol/water:	No data available
Viscosity:	No data available

9.2. Other information

No additional information available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reacts violently with strong oxidizers. Increased risk of fire or explosion.

10.2. Chemical stability

Extremely flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Ignition sources. Incompatible materials. Heat. Hot surfaces. Sparks.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂). Hydrocarbons. Silicon oxides. Metal oxides. May release flammable gases.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity Not classified.

1-Butanol, titanium(4+) salt (5593-70-4)	
LD50 oral rat	> 2000 mg/kg

Solvent naphtha, petroleum, light aliphatic (64742-89-8)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	3000 mg/kg
ATE (Dermal)	3,000.00 mg/kg body weight

Silicic acid (H4SiO4), tetrapropyl ester (682-01-9)	
LD50 oral rat	> 2000 mg/kg



LC50 inhalation rat (mg/l)	10 mg/l/4h
ATE (dust/mist)	10.00 mg/l/4h

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitization	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Specific target organ toxicity - Single exposure	Not classified.
Specific target organ toxicity – Repeated exposure	Not classified.
Aspiration hazard	May be fatal if swallowed and enters airways.
Symptoms/effects after inhalation	Prolonged exposure may cause irritation.
Symptoms/effects after skin contact	Redness, pain, swelling, itching, burning, dryness, and dermatitis.
Symptoms/effects eye contact	Causes permanent damage to the cornea, iris, or conjunctiva.
Symptoms/effects after ingestion	Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.
Chronic symptoms	None expected under normal conditions of use

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology – general

Harmful to aquatic life.

Ecology – water

Harmful to aquatic life.

1-Butanol, titanium(4+) salt (5593-70-4)

EC50 Daphnia 1

680 mg/l

12.2. Persistence and degradability

A-304

Persistence and degradability

May cause long-term adverse effects in the environment.

12.3. Bioaccumulative potential

A-304

Bioaccumulative potential

Not established.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information:

Avoid release to the environment.



SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product/ Packaging disposal
recommendations

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

Additional information

Handle empty containers with care because
residual vapors are flammable.

Ecology – waste materials

Avoid release to the environment. This material is
hazardous to the aquatic environment. Keep out of
sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions
at the time the SDS was authored, and can vary based on a number of variables that may or
may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

Proper Shipping Name :PETROLEUM DISTILLATES, N.O.S.
Hazard Class :3
Identification Number :UN1268
Label Codes :3
Packing Group :II
ERG Number :128



14.2. In Accordance with IMDG

Proper Shipping Name :PETROLEUM DISTILLATES, N.O.S.
Hazard Class :3
Identification Number :UN1268
Packing Group :II
Label Codes :3
EmS-No. (Fire) :F-E
EmS-No. (Spillage) :S-E
MFAG Number :128



14.3. In Accordance with IATA

Proper Shipping Name :PETROLEUM DISTILLATES, N.O.S.
Packing Group :II
Identification Number :UN1268
Hazard Class :3
Label Codes :3
ERG Code (IATA) :3H





SECTION 15: REGULATORY INFORMATION

15.1. US Federal regulations

All components of this product are listed or exempted from being listed on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

A-306	
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard

15.2. US State regulations

Silicic acid (H4SiO4), tetrapropyl ester (682-01-9)
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
1-Butanol, titanium(4+) salt (5593-70-4)
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
Solvent naphtha, petroleum, light aliphatic (64742-89-8)
U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

15.2.1 California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

15.3.1 RoHS Directive (Restriction of the use of Certain Hazardous Substances)

To the best of our knowledge, the restricted substances prohibited in accordance with Directive 2011/65/EU and Directive 2015/863/EU are not normally expected to be present at or above the specified concentrations of 0.01% (by weight) for lead, mercury, hexavalent chromium, PBB, PBDE, (including decaBDE, PentaBDE, or OctaBDE), Phtalates (including DEHP, BBP, DBP and DIBP) and 0.01% (by weight) for cadmium.

15.3.2 REACH – Substances of Very High Concern (SVHC)

This product does not contain any substances listed on the Substance of Very High Concern (SVHC) as of the current update of 16 July 2019.

The full list can be found on the ECHA website <https://echa.europa.eu/candidate-list-table>

15.3.3 EU Medical Devices Regulation (MDR (EU) 2017/745)

This product does contain Solvent Naphtha (CAS-N0. 64742-89-8) which is defined in paragraph 10.4.1 of MDR (EU) 2017/745.



SECTION 16: OTHER INFORMATION

Full text of H-phrases:

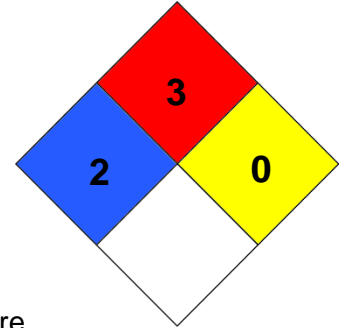
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Asp. Tox. 1	Aspiration hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 2	Flammable liquids Category 2
Flam. Liq. 3	Flammable liquids Category 3
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects



NFPA health hazard: 2 – Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard: 3 - Liquids and solids that can be ignited under almost all ambient temperature conditions.

NFPA reactivity: 0 – Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health 2 Moderate Hazard – Temporary or minor injury may occur.
Flammability 3 Serious Hazard
Physical 0 Minimal Hazard

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This is to certify that the above designated material has been tested and did comply with the listed specifications (with listed exceptions) when supplied in original container. The material is subject to the conditions listed on the invoice. The above is a copy of information on file. The lot acceptance data are available for examination. This is a computer-generated document that is valid without a signature. The information above is supplied in good faith and, to the best of our knowledge, is based on available sources believed to be reliable and accurate. This document and any information provided herein are for your guidance only. The use by the requestor is beyond Factor II control; therefore, the responsibility for appropriate and safe use of the above information lies with the End user. Factor II shall not be responsible for any misuse and/or misapplication of the information in this document.

Factor II, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and/or fire prevention as necessary or appropriate to the use and understanding of the data contained in this SDS. To promote safe handling each customer or recipient should 1) notify and furnish its employees, agents, contractors, customers and/or others whom it knows or believes will use this material of the information regarding hazards or safety, and 2) request its customers to notify their employees, customers, and other users of the product of this information.