

# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	197211	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	HY-VIS WHITE	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Painting and Coating Applications	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

### GHS CLASSIFICATION:

Flammable Aerosol 1: H222 Extremely flammable aerosol.  
Pressurized Gas: H280 Contains gas under pressure; may explode if heated.

STOT SE 3: H335 May cause respiratory irritant.

STOT RE 2: H373 May cause damage to organs through prolonged or repeated exposure.

**SIGNAL WORD:**  
**DANGER**

**SYMBOL:**



### HAZARD STATEMENTS:

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure.

### PRECAUTIONARY STATEMENTS:

**Prevention:** Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

**Pressurized container:** Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area.

**Response:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

**Storage:** Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Propane	74-98-6	17.64%
Calcium Carbonate	1317-65-3	14.79%
VM & P Naphtha	64742-89-8	14.06%
n-butane	106-97-8	10.36%
Titanium Dioxide	13463-67-7	6.11%
Mineral Spirits	64742-47-8	5.17%

Chemical characterization: Mixtures

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**EYES:** Rinse opened eye for several minutes under running water. Then consult a doctor.

**SKIN:** Remove contaminated clothing. Wash exposed area with soap and water.

### INHALATION:

Supply fresh air; consult doctor in case of complaints.

### INGESTION:

Rinse mouth with water. Do not induce vomiting.

### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Dizziness.

### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No further relevant information available.

## 5. Fire-Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Can form explosive gas-air mixtures.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

A respiratory protective device may be necessary.

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS:

Use respiratory protective device against the effects of fumes/dust/aerosol.

### METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Absorb liquid components with liquid-binding material.

## 7. Handling and Storage

### SAFE HANDLING:

Use only in well ventilated areas.

### SAFE STORAGE & INCOMPATIBILITIES:

Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

## 8. Exposure Controls / Personal Protection

### Components with limit values that require monitoring at the workplace:

Type	Value
<b>74-98-6 Propane</b>	
PEL (USA)	Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm
TLV (USA)	Refer to Appendix F in TLVs & BEIs book; D, EX
<b>106-97-8 n-butane</b>	
REL (USA)	Long-term value: 1900 mg/m <sup>3</sup> , 800 ppm
TLV (USA)	Short-term value: 2370 mg/m <sup>3</sup> , 1000 ppm (EX)

### PERSONAL PROTECTIVE EQUIPMENT:



**Eye/Face Protection:** Tightly sealed goggles.

**Hand/Skin Protection:** Nitrile gloves. The glove material must be impermeable and resistant to the substance.

**Respiratory Protection:** A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

**General Hygiene Considerations:** Immediately remove all soiled and contaminated clothing. Wash hands after use. Do not eat or drink while working.

## 9. Physical & Chemical Properties

<b>Appearance:</b>	Aerosol.	<b>Flammability(solid/gas):</b>	Extremely flammable.
<b>Odor:</b>	Aromatic.	<b>Explosive Limit-Lower (%):</b>	1.5 Vol%
<b>Odor Threshold:</b>	Not determined.	<b>Explosive Limit-Upper (%):</b>	10.9 Vol%
<b>pH:</b>	Not determined.	<b>Danger of Explosion:</b>	In use, may form flammable/explosive vapour-air mixture.
<b>Melting Point/Range:</b>	Undetermined.	<b>Vapor Density:</b>	Not determined.
<b>Boiling Point/Range:</b>	-44°C (-47.2°F)	<b>Vapor Pressure:</b>	Not determined.
<b>Viscosity:</b>	Not determined.	<b>Relative Density:</b>	Between 0.77 and 0.85 (Water equals 1.00)
<b>Flash Point:</b>	19°C (-2.2°F)	<b>Solubility (water):</b>	Not determined.
<b>Evaporation Rate:</b>	Not applicable.	<b>Auto-Ignition Temp:</b>	Product is not self-igniting.
<b>VOC Content (less exempt solvents):</b>	48.7%	<b>Decomposition Temp:</b>	Not determined.
<b>Water:</b>	22.0%	<b>Partition Coeff(n-octanol/water):</b>	Not determined.

## 10. Stability & Reactivity Information

### REACTIVITY:

Stable at normal temperatures.

### CHEMICAL STABILITY:

Not fully evaluated.

### POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reactions known.

### CONDITIONS TO AVOID:

Do not allow can to exceed 120°F. Do not warehouse in subfreezing temperatures.

### INCOMPATIBLE MATERIALS:

No further relevant information available.

### HAZARDOUS DECOMPOSITION PRODUCTS:

No dangerous decomposition products known.

## 11. Toxicological Information

### PRIMARY ROUTE OF ENTRY:

**Information on toxicological effects:** No data available.

**Eyes:** Irritating effect.

**Skin:** No irritant effect.

**Sensitization:** No sensitizing effects known.

Components	Species	Test Results
106-97-8 n-butane		
<b>Acute</b> <i>Inhalation</i> LC50	Rat	4 h 658 mg/l
13463-67-7 Titanium Dioxide		
<b>Acute</b> <i>Oral</i> LD50	Rat	>20,000 mg/kg

<i>Dermal</i> LD50	Rabbit	>10,000 mg/kg
<i>Inhalation</i> LC50	Rat	4h >6.82 mg/l

## 12. Ecological Information

### AQUATIC TOXICITY:

Hazardous for water. Do not empty into drains.

### PERSISTENCE AND DEGRADABILITY:

The product is degradable after prolonged exposure to natural weathering processes.

### OTHER INFORMATION:

This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium) or chlorinated solvents.

### BIOACCUMULATIVE POTENTIAL:

No further relevant information available.

### MOBILITY IN SOIL:

No further relevant information available.

### OTHER ADVERSE EFFECTS:

No further relevant information available.

## 13. Disposal Consideration

### DISPOSAL INSTRUCTIONS:

Dispose of in accordance with local, state and federal regulations. Do not puncture, incinerate or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

**Recommendation:** Completely empty cans should be recycled.

## 14. Transportation Information

**DOT:** UN Number: UN1950

**UN Proper Shipping Name:** Consumer Commodity ORM-D Aerosols, flammable.

**ADR:** UN Number: UN1950

**UN Proper Shipping Name:** 1950 Aerosols.

**Transport Hazard Class(es):**

**Class:** 2.1

**Packing Group:** --

**Special Precautions For User:** Warning: Gases.

**EmS:** F-D,S-U

**UN "Model Regulation":** UN1950 AEROSOLS, 2.1.

## 15. Regulatory Information

### US FEDERAL REGULATIONS:

**SARA Section 355 (extremely hazardous substances):** None of the ingredients in this product are listed.

**SARA Section 313 (Specific toxic chemical listings):** None of the ingredients is listed.

**Toxic Substances Control Act (TSCA):** All hazardous ingredients for this product are found on the inventory list of substances.

**Consumer Product Safety Commission (CPSC):** This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

### STATE REGULATIONS:

**California Proposition 65 chemicals known to cause cancer:**

13463-67-7 titanium dioxide

100-41-4 ethyl benzene

**California Proposition 65 chemicals known to cause birth defects or reproductive harm:**

None of the ingredients in this product are listed.

**Canadian Environmental Protection Act:** All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

**EPA:**

None of the ingredients is listed.

## 16. Other Information

### DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.

# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	197201	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	HY-VIS FLUORESCENT ORANGE	<b>EMERGENCY TELEPHONE:</b>	1-800-535-5053
<b>PRODUCT DESCRIPTION:</b>	Painting and Coating Applications	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

### GHS CLASSIFICATION:

Flammable Aerosol 1: H222 Extremely flammable aerosol.  
Pressurized Gas: H280 Contains gas under pressure; may explode if heated.

STOT SE 3: H335 May cause respiratory irritation.

STOT RE 2: H373 May cause damage to organs through prolonged or repeated exposure.

**SIGNAL WORD:**  
**DANGER**

**SYMBOL:**



### HAZARD STATEMENTS:

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure.

### PRECAUTIONARY STATEMENTS:

**Prevention:** Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

**Pressurized container:** Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area.

**Response:** IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

**Storage:** Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
VM & P Naphtha	64742-89-8	18.21%
Propane	74-98-6	15.13%
Calcium Carbonate	1317-65-3	11.75%
n-butane	106-97-8	8.88%
Mineral Spirits	64742-47-8	3.85%
Isobutyl Acetate	110-19-0	3.2%

Chemical characterization: Mixtures

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

## 4. First Aid Measures

### EMERGENCY OVERVIEW:

**EYES:** Rinse opened eye for several minutes under running water. Then consult a doctor.

**SKIN:** Remove contaminated clothing. Wash exposed area with soap and water.

### INHALATION:

Supply fresh air; consult doctor in case of complaints.

### INGESTION:

Rinse mouth with water. Do not induce vomiting.

### MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

Dizziness.

### INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

No further relevant information available.

## 5. Fire-Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Can form explosive gas-air mixtures.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

A respiratory protective device may be necessary.

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS:

Use respiratory protective device against the effects of fumes/dust/aerosol.

### METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Absorb liquid components with liquid-binding material.

## 7. Handling and Storage

### SAFE HANDLING:

Use only in well-ventilated areas.

### SAFE STORAGE & INCOMPATIBILITIES:

Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

## 8. Exposure Controls / Personal Protection

### Components with limit values that require monitoring at the workplace:

Type	Value
<b>74-98-6 Propane</b>	
PEL (USA)	Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm
REL (USA)	Long-term value: 1800 mg/m <sup>3</sup> , 1000 ppm
TLV (USA)	Refer to Appendix F in TLVs & BEIs book; D, EX
<b>106-97-8 n-butane</b>	
REL (USA)	Long-term value: 1900 mg/m <sup>3</sup> , 800 ppm
TLV (USA)	Short-term value: 2370 mg/m <sup>3</sup> , 1000 ppm (EX)
<b>110-19-0 Isobutyl Acetate</b>	
PEL (USA)	Long-term value: 700 mg/m <sup>3</sup> , 150 ppm
REL (USA)	Long-term value: 700 mg/m <sup>3</sup> , 150 ppm
TLV (USA)	Short-term value: 712 mg/m <sup>3</sup> , 150 ppm Long-term value: 238 mg/m <sup>3</sup> , 50 ppm

### PERSONAL PROTECTIVE EQUIPMENT:



**Eye/Face Protection:** Tightly sealed goggles.

**Hand/Skin Protection:** Nitrile gloves. The glove material must be impermeable and resistant to the substance.

**Respiratory Protection:** A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

**General Hygiene Considerations:** Wash hands after use. Do not eat or drink while working.

## 9. Physical & Chemical Properties

<b>Appearance:</b>	Aerosol.	<b>Flammability(solid/gas):</b>	Extremely flammable.
<b>Odor:</b>	Aromatic.	<b>Explosive Limit-Lower (%):</b>	1.7 Vol%
<b>Odor Threshold:</b>	Not determined.	<b>Explosive Limit-Upper (%):</b>	10.9 Vol%
<b>pH:</b>	Not determined.	<b>Danger of Explosion:</b>	In use, may form flammable/explosive vapour-air mixture.
<b>Melting Point/Range:</b>	Undetermined.	<b>Vapor Density:</b>	Not determined.
<b>Boiling Point/Range:</b>	-44°C (-47.2°F)	<b>Vapor Pressure:</b>	Not determined.
<b>Viscosity:</b>	Not determined.	<b>Relative Density:</b>	Between 0.77 and 0.85 (Water equals 1.00)
<b>Flash Point:</b>	19°C (-2.2°F)	<b>Solubility (water):</b>	Not determined.
<b>Evaporation Rate:</b>	Not applicable.	<b>Auto-Ignition Temp:</b>	Product is not self-igniting.
<b>VOC Content (less exempt solvents):</b>	50.5%	<b>Decomposition Temp:</b>	Not determined.
<b>Water:</b>	24.4%	<b>Partition Coeff(n-octanol/water):</b>	Not determined.

## 10. Stability & Reactivity Information

### REACTIVITY:

Stable at normal temperatures.

### CHEMICAL STABILITY:

Not fully evaluated.

### POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reactions known.

### CONDITIONS TO AVOID:

Do not allow can to exceed 120°F. Do not warehouse in subfreezing temperatures.

### INCOMPATIBLE MATERIALS:

No further relevant information available.

### HAZARDOUS DECOMPOSITION PRODUCTS:

No dangerous decomposition products known.

## 11. Toxicological Information

### PRIMARY ROUTE OF ENTRY:

**Information on toxicological effects:** No data available.

**Eyes:** Irritating effect.

**Skin:** No irritant effect.

**Sensitization:** No sensitizing effects known.

Components	Species	Test Results
106-97-8 n-butane		
<b>Acute</b> Inhalation LC50	Rat	4h 658 mg/l

110-19-0 Isobutyl Acetate

**Acute**  
*Oral*  
LD50

Rabbit

4,763 mg/kg

## 12. Ecological Information

### AQUATIC TOXICITY:

Hazardous for water. Do not empty into drains.

### PERSISTENCE AND DEGRADABILITY:

The product is degradable after prolonged exposure to natural weathering processes.

### OTHER INFORMATION:

This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium) or chlorinated solvents.

### BIOACCUMULATIVE POTENTIAL:

No further relevant information available.

### MOBILITY IN SOIL:

No further relevant information available.

### OTHER ADVERSE EFFECTS:

No further relevant information available.

## 13. Disposal Consideration

### DISPOSAL INSTRUCTIONS:

Dispose of in accordance with local, state and federal regulations. Do not puncture, incinerate or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

**Recommendation:** Completely empty cans should be recycled.

## 14. Transportation Information

**DOT:** UN Number: UN1950

**UN Proper Shipping Name:** Consumer Commodity ORM-D Aerosols, flammable.

**ADR:** UN Number: UN1950

**UN Proper Shipping Name:** 1950 Aerosols.

**Transport Hazard Class(es):**

**Class:** 2.1

**Packing Group:** --

**Special Precautions For User:** Warning: Gases.

**EmS:** F-D,S-U

**UN "Model Regulation":** UN1950 AEROSOLS, 2.1.

## 15. Regulatory Information

### US FEDERAL REGULATIONS:

**SARA Section 355 (extremely hazardous substances):** None of the ingredients in this product are listed.

**SARA Section 313 (Specific toxic chemical listings):** None of the ingredients is listed.

**Toxic Substances Control Act (TSCA):** All hazardous ingredients for this product are found on the inventory list of substances.

**Consumer Product Safety Commission (CPSC):** This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

### STATE REGULATIONS:

**California Proposition 65 chemicals known to cause cancer:**

100-41-4 ethyl benzene

**California Proposition 65 chemicals known to cause birth defects or reproductive harm:**

None of the ingredients in this product are listed.

**Canadian Environmental Protection Act:** All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

**EPA:**

110-19-0 Isobutyl Acetate

## 16. Other Information

### DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.