

**SAFETY DATA SHEET**  
**UV PRO Matte Additive**

Revision Date: 12/31/2018

**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** UV PRO Matte Additive

**PRODUCT USE:** Additive used to reduce gloss of hardcoats.

**MANUFACTURER:** Exxene Corporation, 5939 Holly Road, Corpus Christi, TX 78412, 1-361-991-8391

**EMERGENCY:** Call (01) 361-991-8391

**SECTION 2 – HAZARDS IDENTIFICATION**

**GHS CLASSIFICATION**

Health	Environmental	Physical
Acute toxicity, inhalation Skin corrosion/irritation Serious eye damage/eye irritation Specific target organ toxicity, single exposure	Acute toxicity: Chronic toxicity:	Flammable liquids Category 3
Category 4 Category 2 Category 2A Category 3	Not applicable Not applicable	



**Signal Word:** DANGER

**WHMIS CLASSIFICATION:** Class B, Division 2

<u>Hazard Statements</u>	<u>Precautionary Statements</u>
H226 Flammable liquid and vapour. H302 Harmful if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.	P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking. P241 Use explosion-proof electrical, ventilating, mixing, handling, and lighting equipment. P243 Take precautionary measures against static discharge. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection.  P370 + P378 In case of fire: Use dry chemical or carbon dioxide for extinction. P303 + P361 + P353 IF ON SKIN (or hair): Remove/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. P304 + P340 IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/physician if you feel unwell.  P403 + P233 Store in a well-ventilated place. Keep container tightly closed.  P501 Dispose of contents/container according to local and national material disposal regulations.

**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

Components	CAS#	Concentration, %

**SECTION 4 – FIRST AID MEASURES**

Isobutanol	78-83-1	78 - 82

**Contact with eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention. Take SDS.

**Skin contact:** Remove contaminated clothing and shoes. Wash with plenty of soap and water. Seek medical attention. Take this SDS.

## SECTION 5 – FIREFIGHTING MEASURES

**Inhalation:** Remove the victim to fresh air. Monitor respiratory function. If there is breathing difficulty, provide oxygen. If necessary, give artificial respiration. Seek medical attention. Take this SDS.

**Ingestion:** Rinse mouth of victim with plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention. Take this SDS.

**Suitable Extinguishing Media:** Water spray, alcohol resistant foam, dry chemical or carbon dioxide

**Unsuitable Extinguishing Media:**

**Exposure Hazards:** Flammable product. Fire may produce irritating and toxic gases. Containers may explode when heated. Vapors may form explosive mixtures with air. Explosion hazard indoors.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Advice for firefighters:** Use self-contained breathing apparatus (SCBA) operated in positive pressure mode and complete protective clothing.

**Personal precautions:** Use personal protective equipment. Avoid breathing vapors, mists or gas. Ensure adequate ventilation. Remove all sources of ignition.

## SECTION 7 – HANDLING AND STORAGE

**Methods for cleaning spills:** Discard any product, waste, container or wrapper available in an appropriate manner as not to harm the environment, according to federal regulations, state and local.

**Handling:** Avoid contact with skin and eyes. Avoid inhalation with vapor or mist. Use proper personal protective equipment as indicated in Section 8.

## SECTION 8 – PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

**Storage:** Keep only in original container, in a cool, dry, well ventilated place. Keep away from food. Store locked up. Keep out of reach of children.

Avoid static electricity by grounding.

Component	ACGIH TLV	ACGIH STEL	OSHA PEL	OSHA STEL
Isobutanol	50	50	100	100

Damaged or perforated packages should be emptied. Incompatible with strong oxidizing agents.

### EXPOSURE LIMITS:

Expressed in ppm

**Engineering Controls:** Provide mechanical ventilation or direct exhaust to the external media. It is recommended safety shower and eye bath available near work site.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

**Eye Protection:** Avoid contact with eyes; wear splash-proof chemical goggles, face shield, safety glasses (spectacles) as may be appropriate for exposure.

**Respiratory Protection:** Prevent inhalation of the solvent. Use in a well-ventilated location. Ensure airflow and air changes. Use local exhaust ventilation to remove airborne contaminants from employee breathing zone and to keep contaminants below levels listed above. With normal use, the Exposure Limit Value will not usually be reached. When limits approached, use respiratory protection equipment.

**Appearance:** opaque slurry

**Odor:** alcohol

## SECTION 10 – STABILITY AND REACTIVITY

**Flash Point:** 27 °C TCC  
**Specific Gravity:** 0.955 @20°C  
**Vapor Density:** 0.98 (Air = 1)  
**Viscosity:** > 100 cP @ 25 °C  
**Auto-ignition Temp:** 415 °C  
**VOC Content:** 3.98 lb/gal

**Evaporation Rate:** 25 (ether = 1)  
**Flammability Limits:** LEL: 1.6%; UEL: 10%  
**Solubility:** Dispersible in alcohols and water.  
**Vapor Pressure:** 1.0 kPa @ 20 °C (68°F)  
**Decomposition Temperature:** not listed  
**Flammability (GHS Hazard category):** 3

HMIS	NFPA
2	1
3	3
0	0

**Stability:** Stable under normal conditions of storage and handling. Polymerization will not occur.

**Hazardous decomposition products:** When heated produces acrid and toxic smoke and fumes composed of carbon oxides.

## SECTION 11 – TOXICOLOGICAL INFORMATION

**Conditions to avoid:** Ignition sources, flame/heat, high temperatures and contact with incompatible materials.

**Incompatible materials:** Strong oxidizers.

**Likely routes of Exposure:** Inhalation.

**Acute symptoms and effects:**

**Inhalation:** May cause central nervous system disorders with headache, muscle weakness, dizziness and unconsciousness. May cause respiratory irritation with cough and shortness of breath.

**Eye contact:** Irritating and may cause damage to eyes with redness and pain

**Skin contact:** Irritating to skin with redness, pain and dryness.

**Ingestion:** May cause gastrointestinal disturbances with nausea, vomiting and diarrhea.

**Chronic symptoms and effects:** Skin rash/inflammation. Headache. Gastrointestinal complaints. Cardiac and blood circulation effects.

## SECTION 12 – ECOLOGICAL INFORMATION

Reproductive Effects	Teratogenicity	Mutagenicity	Embryo toxicity	Sensitization to Product	Synergistic Products
None	None	None	No information	None expected.	No information

**Toxicity:** LD<sub>50</sub> (oral, rats): 2460 mg/Kg

LC<sub>50</sub> (inhalation, rats, 4h): 19.2 mg/L

## SECTION 13 – WASTE DISPOSAL CONSIDERATIONS

**Ecotoxicity:** Not classified as hazardous to aquatic organisms.

## SECTION 14 – TRANSPORT INFORMATION

**Bioaccumulation:** Expected low bioaccumulative potential in aquatic organisms.

Follow local and national regulations. Consult disposal experts and your regulatory agency.

## SECTION 15 – REGULATORY INFORMATION

**Hazard Class:** 3  
**Secondary Risk:**  
**UN/NA Number:** 1139  
**Packing Group:** III  
**Label Required:** Class 3 Flammable Liquid  
**Marine Pollutant:** No

**CERCLA (Superfund) reportable quantity:** 5000 lbs

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard – No Delayed Hazard – No Fire Hazard – Yes Pressure Hazard – No Reactivity Hazard – No  
**Section 302 extremely hazardous substance** Not listed **Section 311 hazardous chemical** Isobutyl Alcohol

**State regulations**

iso-Butanol CAS-No. 78-83-1 can be found on the following right to know lists: California, New Jersey, Pennsylvania, and Massachusetts.

**Ingredient Listings** USA TSCA, Europe EINECS, Canada DSL, Australia, Korea ECL/TCCL, Japan MITI (ENCS)

## SECTION 16 – OTHER INFORMATION

**E-mail address:** info@Exxene.com

**Intended Use:** Additive used to reduce gloss of hardcoats.

**Disclaimer:** This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. This information does not represent any guarantee of the properties of the product, and Exxene Corporation and its Affiliates shall not be held liable for any damage resulting from handling or contact with the product.