EXXENE CORPORATION

SAFETY DATA SHEET

Exxene CC-158 Primer

Revision Date: 5/10/2019

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Exxene CC-158 Primer

PRODUCT USE: Primer coating for plastic surfaces.

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
Skin irritation	Category 2		
Eye irritation	Category 2A		
Reproductive toxicity	Category 2		

GHS LABEL: 

Signal Word: DANGER

Hazard Statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H361 Suspected of damaging fertility or the unborn child.

Precautionary Statements

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P264 Wash skin thouroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352 IF ON SKIN: wash with plenty of soap and water.
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.
P332 + P313 IF SKIN irritation occurs: Get medical advice/attention.
P337 + P313 IF eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

P405 Store locked up.
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, %
polyurethane aliphatic, dispersion	84931-74-8	22
1-methoxy-2-propanol	107-98-2	9
n-methyl-2-pyrrolidone	872-50-4	5
water	7732-18-5	64

SECTION 4 – FIRST AID MEASURES

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. If irritation occurs, seek medical attention. Take this SDS.

Inhalation: Remove the victim to fresh air. If not breathing, give artificial respiration and consult a physician.

Ingestion: Rinse mouth with water. Give nothing to drink. Do not induce vomiting. Immediately consult a doctor/medical service.

SECTION 5 – FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water spray, sand, dry chemical or carbon dioxide
Unsuitable Extinguishing Media: Solid water jet is inappropriate.
Exposure Hazards: On heating: release of toxic/corrosive/combustible gases/vapors (formaldehyde). Upon combustion: CO and CO2 are formed. Violent to explosive reaction with (some) metal powders and with (strong) oxidizers. Violent exothermic reaction with (some) acids and with (some) halogens compounds
Combustion Products: Hazardous decomposition products formed under fire conditions include formaldehyde and carbon oxides.
Advice for firefighters: Use self-contained breathing apparatus (SCBA) operated in positive pressure mode and complete protective clothing. Cool tanks/drums with water spray/remove them into safety. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Avoid breathing vapors, mists or gas. Ensure adequate ventilation.
Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
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.

SECTION 7 – HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Avoid inhalation with vapor or mist. Use proper personal protective equipment as indicated in Section 8.
Storage: Store at room temperature. Keep out of direct sunlight. Store in a dry area. Keep container in a well-ventilated place. Keep locked up. Provide for a tub to collect spills. Unauthorized persons are not admitted. Meet all legal requirements.

SECTION 8 – PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

Engineering Controls: Provide mechanical ventilation or direct exhaustion to the external media. It is recommended safety shower and eye bath available near work site.
Monitoring: Maintain breathing zone airborne concentration below exposure limits.

PERSONAL PROTECTIVE EQUPMENT (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: Use in a well-ventilated location. Ensure airflow and air changes.

Component	CAS-No.	Value	Control Parameters	Basis
1-methyoxy-2-propanol	107-98-2	TWA	50 ppm	USA ACGIH Thershold Limit Values (TLV)
	Remarks:	Upper Respiratory Tract Irritation Eye Irritation Not classifiable as a carcinogen		
		STEL	100 ppm	USA ACGIH (TLV)
		ST	150 ppm; 540 mg/m3	USA NIOSH Limit
		TWA	100 ppm; 360 mg/m3	USA NIOSH Limit
		PEL	100 ppm; 360 mg/m3	California (Title 8, 107)
		SKIN		
		STEL	150 ppm; 540 mg/m3	California (Title 8, 107)

SECTION 9 – PHYSICAL AND CHEMCIAL PROPERTIES

Appearance:	translucent liquid	**Odor:**	characteristic
pH:	alkaline	**Odor Threshold:**	not listed
Melting:	4 °C	**Boiling Range:**	100 °C
Flash Point:	> 35 °C TCC	**Evaporation Rate:**	No data available
Specific Gravity:	0.980 @20°C)	**Flammability Limits:**	No data available
Vapor Density:	1 (Air = 1)	**Solubility:**	Soluble in water.
Viscosity:	< 30 cP @ 25 °C	**Vapor Pressure:**	2.3 kPa @ 20°C (68°F)
Auto-ignition Temp:	na	**Decomposition Temperature:**	not listed
VOC Content:	na		

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and handling. Polymerization will not occur.
Hazardous decomposition products: When heated, may produce fumes composed of carbon oxides.

Conditions to avoid: Extremely high or low temperatures; freezing environment.
Incompatible materials: Strong oxidizers.

SECTION 11 –TOXICOLOGICAL INFORMATION

Likely routes of Exposure: Inhalation, Skin, Ingestion.
Acute symptoms and effects:
Inhalation: Slight irritation.
Eye contact: Redness of the eye tissue.
Skin contact: Symptoms similar to those listed under ingestion.
Ingestion: Nausea. Vomiting.

Chronic symptoms and effects: Red skin. Dry skin. Skin rash/inflammation. Headache. Disturbed tactile sensibility. Visual disturbances. Sleeplessness. Gastrointestinal complaints. Cardiac and blood circulation effects. N-methyl-2-pyrrolidone (872-50-4) is suspected of damaging fertility or the unborn child.

Carcinogenicity No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA.

Toxicity:

n-methyl-2-pyrrolidone
LD_{50} (oral, rats): > 3900 mg/kg
LD_{50} (dermal, rabbit): 8000 mg/kg
ATE US (dermal): 7000 mg/kg
LC_{50} (inhalation, rats, 4h): > 6500 mg/L
ATE US (oral): 3900 mg/kg

1-methoxy-2-propanol
LD_{50} (oral, mouse): 11,700 mg/kg
LD_{50} (dermal, rabbit): 13,000 mg/kg
LC_{50} (inhalation, rats, 5h): 10,000 ppm

Skin corrosion/irritation	No data available	
Serious eye damage/eye irritation	Eyes – Rabbit	Result: Mild eye irritation - 24 h
Respiratory or skin sensitization	No data available	
Germ cell mutagenicity	No data available	

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Not classified as hazardous to aquatic organisms.
Mobility: High mobility in soil.
Degradability: Expected low persistence and high degradability.
Bioaccumulation: Expected low bio accumulative potential in aquatic organisms.

SECTION 13 – WASTE DISPOSAL CONSIDERATIONS

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

SECTION 14 – TRANSPORT INFORMATION

Not regulated for transport.

SECTION 15 – REGULATORY INFORMATION

CERCLA (Superfund) reportable quantity:	Not a hazard
Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302	Not a hazard
SARA 311/12 Hazards	1-methoy-2-propanol : Fire – Acute Health – Chronic Health
SARA 313	n-methyl-2-pyrrolidone is listed on US SARA Section 313

State regulations
CA Prop 65: The liquid, uncured product contains trace quantities of a substance known to the state of California to cause cancer and/or reproductive harm: n-methyl-2-pyrrolidone.

Massachusetts Right To Know Components	No components.		
New Jersey Right To Know Components	1-methoxy-2-propanol	CAS-No: 107-98-2	1993-02-16

International

Australia (AICS)	Listed
Canada (DSL/NDSL)	Listed in DSL
China (IECSC)	Listed
Europe (REACh)	Registered; nMp EC 212-828-1
Japan (METI/ENCS)	Listed; nMp ENCS 5-113
Korea (KECI)	Listed; nMp KE-25324
New Zealand (HSNO)	Listed; nMp HSR001384
Philippines (PICCS)	Listed
Taiwan (NCSR)	Listed
USA (TSCA)	Listed

SECTION 16 – OTHER INFORMATION

E-mail address: info@Exxene.com
Intended Use: Primer coating for plastic surfaces.

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.