



MATERIAL SAFETY DATA SHEET

Prepared in accordance with ISO 11014-1/ ANSI standard
Z400.1-2004

Revision Date: 6/19/2012
MSDS No.: ND2109

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 611 Primer N

Use of the Substance/Preparation: Primer / Activator

Supplier:

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2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION	Avoid contact with skin and eyes. May cause respiratory irritation.
Principle Routes of Exposure:	Skin and inhalation.
<u>POTENTIAL HEALTH EFFECTS:</u>	
Eye Contact:	Will cause irritation on contact.
Skin Contact:	Causes moderate skin irritation. Causes redness, drying and cracking of the skin. Prolonged or repeated contact may cause severe irritation or dermatitis.
Inhalation:	Inhalation of vapors irritates the respiratory tract. May cause nausea, headache, and/or dizziness. Higher concentrations can produce central nervous system depression, narcosis and unconsciousness.
Ingestion:	Not expected to be a route of entry under normal industrial use conditions. If significant quantity is ingested, senses may be dulled.
Carcinogenic Effects:	No data available.
Target Organ Effects:	No data available.
Medical Conditions Aggravated by Exposure:	Skin conditions.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	EINECS Number	Weight %	Risk Phrases
Acetone	67-64-1	200-662-2	95-100	F;R11 , Xi; R36, R66, R67
Copper Napthenate	1338-02-9	215-657-0	1-3	R10 , Xn; R22 , N; R50-53

4. FIRST AID MEASURES

Skin Contact: Thoroughly wash exposed area with soap and water. If irritation develops, seek medical attention. Launder contaminated clothing before reuse.

Eye Contact: Flush eyes with generous amounts of water for 20-30 minutes, lifting both upper and lower eyelids occasionally. Get medical attention.

Inhalation: Removed to fresh air immediately. Give artificial respiration as needed. Get immediate medical attention.

Ingestion: Do not induce vomiting. Get medical attention.

Note to Physician: Use of epinephrine is contraindicated.

5. FIRE AND IGNITION INFORMATION

Flash Point 1°F TCC

Explosion Limits in Air – Upper (%): 12.8%

Explosion Limits in Air – Lower (%): 2.5%

Autoignition Temperature: Not determined.

Extinguishing Media: CO₂, Foam or Dry Chemical.

Special Protective Equipment for Firefighters: Wear a NIOSH approved self-contained breathing apparatus operated in pressure-demand or other positive pressure when fighting fires. Sealed containers may rupture explosively if exposed to heat.

Hazardous Decomposition and/or Combustion Products: Combustion yields oxides of carbon and possible toxic fumes.

Risk of Dust Explosion: Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Only trained personnel should clean a spill. Avoid contact with eyes. Use appropriate personal protective equipment when cleaning a chemical spill. Extinguish all ignition sources. Ventilate spill area.

Methods for Cleaning Up: Absorb loose material on inert filler and place in suitable container for proper disposal.

Environmental Precautions: Do not permit product to enter drains, sewers, rivers or other water courses. Dispose of material in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Wear appropriate personal protective equipment.

Storage: Store product in a cool dry place. Keep container tightly closed when not in use. Keep away from all sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

Exposure limits for those components with limits are stated below.

Acetone: US OSHA PEL: 1000 ppm TWA
US ACGIH – TLV: 500 ppm TWA

Copper Napthenate: US OSHA PEL: 1 mg/m³
US ACGIH – TLV: None

PEL: Permissible Exposure Limit
TLV: Threshold Limit Value
TWA: Time Weighted Average
US ACGIH: United States American Conference of Governmental Industrial Hygienists
US OSHA: United States Occupational Safety and Health Administration

ENGINEERING CONTROLS Local exhaust ventilation is recommended to maintain vapor level below TLV.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Protection: Above time weighted average, use a NIOSH approved respirator.
Hand Protection: Wear appropriate chemical resistant gloves such as rubber or latex.
Eye Protection: Use NIOSH chemical splash goggles.
Skin and Body Protection: Wear impervious clothing to prevent contact with skin.
Other: Eye wash and safety shower should be available in work area. Wash hands after using and before eating, drinking, smoking, or using the lavatory.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Green liquid
Odor: Solvent-like odor
pH Not determined
Vapor Pressure: 400 mmHg @ 104°F
Boiling Point/Range: 133°F
Melting Point/Range: - 139°F
Water Solubility: Soluble
Specific Gravity: ~0.79 @ 77°F
VOC Content: 2.02 lb/gal
Evaporation Rate: ~7.7
Viscosity: Not determined
Partition Coefficient (n-octanol/water): Not determined

10. STABILITY AND REACTIVITY

Stability: Stable.
Hazardous Polymerization: Will not occur.
Mechanical Sensitivity (shock): N/A
Conditions to Avoid: Avoid all sources of ignition. Avoid strong oxidizing agents, acids, bases and reducing agents.
Static Discharge Effects: Minimal.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Oral LD50:	5.8 g/kg (rat)	Carcinogenic Effects:	No data available.
Inhalation LC50:	21142 ppm/4 hr (rat)	Mutagenic Effects:	No data available.
Dermal LC50:	20 g/kg (rabbit)	Reproductive Toxicity:	No data available.
Eye Irritation:	No data available.	Sensitizing Effects:	No data available.
Skin Irritation:	No data available.	Synergistic Materials:	No data available.

SUBCHRONIC TOXICITY

No data available.

12. ECOLOGICAL INFORMATION

Information given is based on data on the components and the toxicology of similar products.

Aquatic Toxicity: Not determined

ENVIRONMENTAL FATE

Mobility:	No data available.
Bioaccumulation:	No data available.
Persistence / Degradability:	No data available.
Distribution to Environmental Compartments:	No data available.

13. DISPOSAL CONSIDERATIONS

Disclaimer: Information in this section pertains to the product as shipped in its intended composition as described in Section 2 of this MSDS. Contamination or processing may change waste characteristics and requirements. Regulations may also apply to empty containers, liners or rinsate. State/provincial and local regulations may be different from federal regulations.

RCRA Classification (40 CFR 261): When this product is determined to be a waste, dispose of in accordance with all federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

DOT shipping: Flammable Liquid, N.O.S. (Acetone)
UN1993, 3, PGII

15. REGULATORY INFORMATION

Hazard Classification

United States – OSHA (29 CFR 1910.1200): This material is considered hazardous under OSHA.

International Inventories

All components of this product are listed on or exempt from the following inventories:

- (yes) - Domestic Substances List (DSL)
- (yes) - European Inventory of Existing Commercial Substances (EINECS)
- (yes) - United States Toxic Substances Control Act (TSCA) Inventory

U.S. Federal Regulations

TSCA 12(b) Export Notification: None

Clean Air Act amendments of 1990 (CAA, Section 11240: CFR 82): None

Clean Water Act (CWA, 40 CFR 116): None

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, 40 CFR 302): Acetone, RQ: 5000 pounds.

Superfund Amendments and Reauthorization Act, Title III (SARA):

SARA Section 302 (40 CFR 355) Extremely Hazardous Substances: No components of this product are listed as extremely hazardous chemicals under SARA section 302.

SARA Section 311/312 (40 CFR 370) Hazard Category: Acute, Flammable

SARA Section 313 (40 CFR 372) Toxics Release Inventory: None

Hazard symbols: F; Flammable
Xi; Irritant
C; Corrosive

Risk phrases: R10: Flammable
R11: Highly flammable
R22: Harmful if swallowed
R36: Irritating to eyes
R66: Repeated exposure may cause skin dryness or cracking
R67: Vapours may cause drowsiness and dizziness
R50-53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety phrases: S2: Keep out of reach of children
S9: Keep container in a well-ventilated place
S16: Keep away from sources of ignition – No smoking
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S60: This material and its container must be disposed of as hazardous waste

U.S. State Regulations

California Proposition 65: This product does not contain chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

HMIS Rating

HMIS Index: * - chronic, **0 – Minimal, 1 – slight, 2- moderate, 3 – serious, 4 –severe**

Health: 2

Flammability: 3

Physical Hazard: 0

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