



PENETRANT PROFESSOR APPROVED

MATERIAL SAFETY DATA SHEET

WCP-81

Page 1 of 2
Dated 9/10

1 Identification of the substance/preparation and of the company

Trade name: WCP-91

Application of the substance / preparation: White contrast paint for MPI inspection per ASTM E-1444.

Manufacturer/Supplier: Met-L-Chek Company
1639 Euclid Street
Santa Monica, California, 90404, U.S.A.

Phone: 310-450-1111
Fax : 310-452-4046
E-mail: info@met-l-chek.com
http://www.met-l-chek.com

Information in case of emergency: Chemtrec 1-800-424-9300

2 Hazards identification

Hazard description: Highly Flammable / Eye Irritant

NFPA rating	Bulk	Aerosol
Health	1	1
Flammability	3	4
Reactivity	0	0
WHMIS (Canada)	B2,D2B	A, B5,D2B

EC 1907/2006



Xi Irritant
F Highly flammable

Information concerning particular hazards for human and environment:

R 11 Highly flammable. R 36 Irritating to eyes. R 66 Repeated skin exposure may cause dryness or cracking.
R 67 Vapors may cause drowsiness and dizziness.

3 Composition/information on ingredients

Ingredients:	CAS #	% by Weight (in bulk)	% by Weight (in aerosol)
Acetone	67-64-1	60-65	40-45
Toluene	108-88-3	20-25	10-15
Propellant(mixed isopropane & butane)	674-98-6 & 106-97-8		20-30

EINECS Number: 200-662-2

Index number: 606-001-00-8

4 First aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Wash exposed area with soap and water. Apply moisturizing lotion.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Do not induce vomiting but vomiting may occur spontaneously. Call a physician.

5 Fire-fighting measures

Suitable extinguishing agents: Foam, dry powder, carbon dioxide (CO₂)

For safety reasons unsuitable extinguishing agents: Water spray.

Special hazards caused by the substance, its products of combustion or resulting gases: Carbon monoxide and carbon dioxide

Special protective equipment for fire-fighters: Wear self-contained respiratory protective device. Wear fully protective suit.

Flash Point: -20°C(-4°F)TCC

Explosive Limit: 2.6%

Autoignition Temperature: 465°C(869°F)

6 Accidental release measures

Spill: Ventilate area. Remove all sources of ignition. Wear protective gear. Collect liquid in an appropriate container or absorb with an inert material such as vermiculite, dry sand, or earth; **DO NOT** use combustible materials. Place in a chemical waste container. **DO NOT** flush to sewer.

7 Handling and storage

Handling: Protect against physical damage. Use non sparking tools. Ground containers when transferring product. Containers may be hazardous when empty since residue liquid and vapors may be present.

Storage: Store in a cool, dry well-ventilated location, away from areas where fire hazard or ignition sources may exist. Store and use in NO SMOKING area. Keep containers closed when not in use.

8 Exposure controls/personal protection

Eye Protection: Chemical splash goggles, safety glasses are advised.

Skin Protection: Wear resistant gloves such as Nitrile Rubber, impervious clothing and boots are suggested as well.

Exposure Limits: (TLV): 500 ppm (TWA), 500 ppm (STEL).

Ventilation System: A system of local or general exhaust is recommended to keep employee exposure below the airborne exposure limits. If exposure limit is exceeded use organic vapor respirator.



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9. Physical properties

Initial Boiling Point: -17°C (0°F)

Solubility in Water: miscible

Specific Gravity: 0.798 @ 15.5°C(60°F)

Percent Volatile: 46 %, VOC's-367 gr/L

Appearance: milky liquid.

10. Stability and reactivity

Thermal decomposition: Stable under ordinary conditions of use and storage. Avoid heat, flames, sparks.

Hazardous Polymerization: Not known

Incompatibilities: Concentrated Nitric and Sulfuric acid mixtures, oxidizing agents, Chloroform and alkalis.

11 Toxicological information

Acute toxicity: Contains no known or suspected carcinogens.

LD/LC50 values relevant for classification:

Oral LD50 5800 mg/kg (rat)

Dermal LD50 20000 mg/kg (rabbit)

Inhalation LC50/4 h >20 mg/l (rat)

12 Ecological information

Aquatic toxicity: EC50/ 48 h >1000 mg/l (daphnia)

IC50 /72 h >1000 mg/l (Algae)

LC50/ 96 h >1000 mg/l (Fish)

General notes: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

Recommendation: Dispose of container and unused contents with a licensed waste facility. Empty containers may contain flammable residue and vapors. Must not be disposed together with household garbage. Do not allow product to reach sewage system. Puncture (wear face shield) and drain aerosols. Collect all waste in suitable and labelled containers and dispose according to local legislation.

European waste catalogue 07 07 04

14. Transportation

USA DOT Information- 49CFR172.101

Shipping name:

Label:

Hazard class:

Identification #:

Packing Group:



Bulk

Paint

Flammable liquid

3

UN1263

I

Aerosol

Consumer commodity

ORM-D

ORM-D

none

none

IATA

Shipping name:

Label:

Hazard class:

Identification #:

Packing Group:



Bulk

Paint

Flammable liquid

3

UN1263

I



Aerosol

Aerosols, flammable

Flammable gas

2.1

UN1950

na

15. Regulatory information

TSCA: Listed

CERCLA RQ- 49CFR302.4(a): Acetone CAS# 67-64-1, reportable quantity 5000 lbs..

SARA 302 Components-40CFR355 appendix A: None

Section 311/312 Hazard Class-40CFR370.2: Immediate (X), Delayed (X), Fire (X), Reactive (), Sudden release of pressure ()

SARA 313 components-40CFR372.65: None.

California Proposition 65- May contain listed materials.

New Jersey RTK label- Acetone CAS# 67-64-1

Pennsylvania RTK label-2-propanone CAS# 67-641

16. Other information

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

Supersede MSDS dated 7/10

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