

Material Safety Data Sheet  
 MINMAX (R) FAST-DRYING POLYURETHANE - ALL SHEENS - AEROSOL  
 The Thompson Minmax Company  
 P.O. Box 438  
 Montvale, NJ 07645

Material Safety Data Sheet  
 MINMAX (R) FAST-DRYING POLYURETHANE - ALL SHEENS - AEROSOL  
 SECTION #3 - PHYSICAL DATA

Company Contact: SEE SECTION 1 FOR TELEPHONES

SECTION #1 - IDENTIFICATION

Product: MINMAX (R) FAST-DRYING POLYURETHANE - ALL SHEENS - AEROSOL

TELEPHONE CONTACTS:

NON-MEDICAL, PRODUCT INFORMATION (DAY): 1-800-523-9299  
 TRANSPORTATION (DOT) EMERGENCIES ONLY (CHEMTREC): 1-800-424-9300  
 MEDICAL EMERGENCIES ONLY: 1-800-228-5635, EXTENSION 218

Special Hazards: DANGER: Extremely flammable. Skin and eye irritant.  
 Vapor harmful. Contents under pressure. Harmful or fatal if swallowed.

Finish	Formula #:	Concentrate	Aerosol	UPC Code
Clear Gloss		M060092	M060540	27426 33050
Clear Semi-Gloss		M060371	M060541	27426 33055
Clear Satin		M060370	M060539	27426 33060

HAZARD RATINGS:	NFPA - Health:	2	Moderate	HMIS - Health:	2	Moderate
Fire:	4	Extreme*	Flammability:	4	Severe*	
Reactivity:	0	Negligible	Reactivity:	0	Minimal	

Product Description: Clear polyurethane aerosol spray coating.

SECTION #2 - HAZARDOUS CHEMICAL COMPONENTS

Component: ACETONE  
 CAS Number: 67-64-1  
 ACGIH TLV-STEL: 1000 ppm  
 ACGIH TLV-TWA: 750 ppm  
 Percent of Mixture: 37.0  
 OSHA PEL-TWA: 1000 ppm

Component: N-BUTANE  
 CAS Number: 106-97-8  
 ACGIH TLV-TWA: 800 ppm  
 Percent of Mixture: 10.0 to 15.0  
 OSHA PEL-TWA: Not Established

Component: PROPANE  
 CAS Number: 74-98  
 ACGIH TLV-TWA: Not established  
 Percent of Mixture: 10.0 to 15.0  
 OSHA PEL-TWA: 1000 ppm

Component: SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC  
 CAS Number: 64742-88-7  
 Recommend that limits for Stoddard solvent be used.  
 ACGIH TLV-TWA: 100 ppm  
 OSHA PEL-TWA: 500 ppm

Component: STODDARD SOLVENT  
 CAS Number: 8052-41-3  
 ACGIH TLV-TWA: 100 ppm  
 Percent of Mixture: 5.0 to 10.0  
 OSHA PEL-TWA: 500 ppm

Component: TOLUENE  
 CAS Number: 108-88-3  
 ACGIH TLV-TWA: 50 ppm (skin)  
 Percent of Mixture: 10.0  
 OSHA PEL-TWA: 200 ppm  
 OSHA PEL-CEILING: 300 ppm  
 OSHA STEL: 500 ppm (10 min.)

SECTION #3 - PHYSICAL DATA

Vapor Density (Air=1): >1  
 Specific Gravity: 0.72  
 Solubility (H2O): Insoluble (concentrate)  
 Evaporation Rate: Faster than ether  
 VOC: 642-652 g/l  
 PH: Not applicable

Appearance

Aerosol container containing clear, mobile liquid with solvent odor.

SECTION #4 - FIRE FIGHTING & EXPLOSION DATA

Flash Point: <0°F (propellant)  
 Lower Explosive Limit (%): 1.0  
 Upper Explosive Limit (%): 12.8

Fire and Explosion Hazards

Danger! Extremely Flammable. Contents under pressure. Do not use near fire, flame or other sources of ignition. Exposure to heat may cause bursting. Do not puncture, incinerate or store above 120°F. Avoid prolonged exposure to sunlight.

Extinguishing Media

Water spray, foam, dry chemical or carbon dioxide. Use media suitable for surrounding fire. Use water spray to cool fire-exposed containers.

Special Fire Fighting Instructions

Wear self-contained breathing apparatus and protective clothing appropriate for fighting a typical chemical fire. Move containers away from fire, if possible and safe to do so. Use water spray to cool fire-exposed containers. Provide shielding for venting, rupturing or bursting containers.

SECTION #5 - EXPOSURE EFFECTS and FIRST AID

Route of Exposure - Inhalation

Vapor harmful. Avoid inhalation of vapors and spray mist.

First Aid - Inhalation

If affected by inhalation, remove to fresh air.

Route of Exposure - Skin

Skin irritant. Avoid contact with skin.

First Aid - Skin

In case of skin contact, wash thoroughly with soap and plenty of water.

Route of Exposure - Eyes

Eye irritant. Avoid contact with eyes.

First Aid - Eyes

In case of eye contact, remove contact lenses if present, flush eyes for at least 15 minutes and CALL PHYSICIAN.

SECTION #5 - EXPOSURE EFFECTS and FIRST AID Continued...

Route of Exposure - Ingestion  
Harmful or fatal if swallowed.  
First Aid - Ingestion  
If ingested, do not induce vomiting. CALL PHYSICIAN IMMEDIATELY.  
Miscellaneous Toxicological Information  
Carcinogenicity: NTP: No IARC: No OSHA: No

SECTION #6 - REACTIVITY & POLYMERIZATION

Stability: Stable.  
Conditions to Avoid (Stability)  
Fire, flame or other sources of ignition. Do not store above 120°F.  
Incompatible Materials  
Strong oxidizing agents.  
Hazardous Decomposition Products  
Hydrocarbon fumes, smoke, carbon monoxide (where combustion is incomplete) may be formed during thermal decomposition.  
Hazardous Polymerization: Will not occur.

SECTION #7 - SPILL, LEAK, & DISPOSAL PROCEDURES

Steps to be Taken in The Event of Spills, Leaks, or Release  
Absorb small spills with sand or other suitable absorbent material and place in a container for disposal. For large spills (1 or more cases): Keep spectators away. Area may be slippery. Dike around spill with absorbent material. Eliminate all sources of ignition and ventilate the area with equipment rated for use in flammable environments. Transfer liquids and contaminated diking material to separate, suitable containers for recovery or disposal.  
Waste Disposal Methods  
When can is exhausted, wrap and put in trash collection.  
Dispose of in accordance with local, state, and federal regulations.  
SARA Title III Notifications and Information

SARA Title III - Section 313 Supplier Notification:  
This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

CAS #	Chemical Name	Percent of Mixture
67-64-1	ACETONE	37.0
108-88-3	TOLUENE	10.0

This information must be included on all MSDSs that are copied and distributed for this material.

SECTION #8 - SPECIAL PROTECTIVE MEASURES

Ventilation  
Use only in well-ventilated areas.  
Eye Protection  
Avoid contact with eyes.  
Skin Protection  
Avoid contact with skin.  
Respiratory Protection  
Avoid inhalation of vapors and mist.

SECTION #9 - SPECIAL PRECAUTIONS - STORAGE & HANDLING

Storage & Handling Conditions  
DANGER: Contains petroleum distillates, toluene and acetone. Vapor harmful. Use only in well ventilated area and avoid inhalation of vapors and spray mist. Skin and eye irritant. Avoid contact with skin and eyes. Do not take internally. Harmful or fatal if swallowed.  
EXTREMELY FLAMMABLE. Do not use near fire, flame or other sources of ignition. Exposure to heat may cause bursting. Do not puncture, incinerate or store above 120°F. Avoid prolonged exposure to sunlight. Contents under pressure.  
KEEP OUT OF REACH OF CHILDREN.

STATE REGULATED COMPONENTS

Component:	ACETONE	Percent of Mixture:
CAS Number:	67-64-1	37.0
State Regulations:	ILL MAS NJS NJW PAW	
Component:	N-BUTANE	Percent of Mixture:
CAS Number:	106-97-8	10.0 to 15.0
State Regulations:	MAS NJS NJW PAW	
Component:	PROPANE	Percent of Mixture:
CAS Number:	74-98-6	10.0 to 15.0
State Regulations:	ILL MAS NJS NJW PAW	
Component:	STODDARD SOLVENT	Percent of Mixture:
CAS Number:	8052-41-3	5.0 to 10.0
State Regulations:	ILL MAS NJW PAW	

ILL - Illinois Toxic Substance  
MAS - Massachusetts Hazardous Substance  
NJE - New Jersey Environmental Hazardous Substance  
NJS - New Jersey Special Health Hazardous Substance  
NJW - New Jersey Workplace Hazardous Substance  
PAE - Pennsylvania Environmental Hazardous Substance  
PAS - Pennsylvania Special Hazardous Substance  
PAW - Pennsylvania Workplace Hazardous Substance  
P65 - California Proposition 65

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