

TARGET COATINGS, Inc.
PO Box 1582
RUTHERFORD, NEW JERSEY 07070 USA
800-752-9922
www.targetcoatings.com

MATERIAL SAFETY DATA SHEET PAGE 1 OF 4

SECTION I PRODUCT IDENTIFICATION

Product Trade Name: EM9300 Polycarbonate Urethane
(93100, 93200, 93300, 93400)
Chemical Name: Compound, Coating
Manufacturer: Target Coatings, Inc.
Effective Date: November 1, 2014..Revision 1

SECTION II PHYSICAL DATA

Boiling Point: 212 F
Freezing Point: 30F
Weight Per Gallon: 8.6 lbs./ Gal.
Vapor Density: Heavier then Air.
Evaporation Rate: Slower then N-Butyl Acetate
Solubility in Water: Infinitely miscible
pH: 7.5 – 8.0
Appearance and Odor: Clear Liquid / Urethane Odor
VOC Content (Actual): 21 Grams /Litre
HAPs Content: 0

SECTION III COMPOSITION INFORMATION

INGREDIENT	Approx. Wt%	SARA-313	CAS#
Polycarbonate Resin (in H2O solution)	45.0 max.	N/A	Proprietary
Acylic Copolymer Resin (in H2O solution)	45.0 max.	N/A	63744-68-3
Dipropylene Glycol Monomethyl Ether	05.0 max.	N/A	34590-94-2
Propylene Glycol Monomethyl Ether	05.0 max.	N/A	10217-34-2
Water	10.0 min.	N/A	7732-18-5

SECTION IV HAZARDOUS INGREDIENTS

INGREDIENT	Approx. Wt%	TLV	PEL(TWA)	STEL	CAS#
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None of the ingredients in this product meet the definition of "Hazardous Chemical" given in the OSHA Hazard Communication Regulation 29CFR 1910.120(C)

SECTION V TOXICOLOGICAL PROPERTIES

LD50:	Not determined
Threshold Limit Value:	No limit determined
Effects of Acute Exposure:	
Ingestion:	Intense mucous membrane irritation
Inhalation:	Prolonged exposure may produce headaches, and mucous membrane irritation.
Skin Contact:	Direct contact will cause irritation
Eye Contact:	Direct contact will cause extensive irritation
Effects of Chronic Exposure:	None determined

SECTION VI PREVENTIVE MEASURES

INDUSTRIAL HYGIENE IN THE WORKPLACE

RESPIRATORY PROTECTION: An approved organic-vapor full-face respirator is advised for poor ventilation or spray applications.

VENTILATION: LOCAL EXHAUST- None required
 MECHANICAL(GENERAL)- Provide adequate ventilation.

PROTECTIVE GLOVES: Wear rubber gloves.

EYE PROTECTION: Wear approved safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT: Wear protective work clothes.

STORAGE AND HANDLING PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: store at 40F-90F. this product is safe for consumer resale. Keep from freezing. Keep away from Fire and Heat (Any ignition source). Keep containers closed when not in use. Provide adequate ventilation.

FKEEP OUT OF REACH OF CHILDRENE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Halt spill at source and contain or dike spill with inert absorbent material. Transfer liquid to containers for recovery or disposal. Shovel absorbent into drums for disposal in accordance with local, state, and federal regulations.

RECOMMENDED WASTE DISPOSAL METHODS: Material should not be flushed into sewer system. If this material becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor listed in Subpart D. After the material has been collected, dispose of in accordance with regulations applicable to non-hazardous liquid wastes.

SECTION VII FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES

INGESTION: Do not induce vomiting. Administer large amounts of milk and call a physician.
INHALATION: Remove to fresh air and consult with a physician if symptoms persist.
SKIN CONTACT: Promptly wash area with soap and water, and rinse thoroughly. Remove contaminated clothing.
EYE CONTACT: Promptly flush eyes with large amounts of fresh water for at least 15 minutes. Contact a physician immediately.

SECTION VIII REGULATORY INFORMATION

SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III)

SECTION 302- EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355): This product does not contain materials listed in Appendix A and B as an Extremely Hazardous Substance.

SECTION 311/312- MATERIAL SAFETY DATA SHEET REQUIREMENTS (40 CFR 370): Materials listed in 29 CFR 1910, Subpart Z is identified in Section IV. None are known or suspected carcinogens listed by the National Toxicology Program, International Agency of Research on Cancer, or OSHA.

SECTION 313- LIST OF TOXIC CHEMICALS (40 CFR 372): Listed materials contained in this product are identified in Sections II or IV of this MSDS.

TOXIC SUBSTANCES CONTROL ACT (TSCA): Not available

CLEAN AIR ACT AMENDMENT OF 1990: This product does not contain, and has not contacted during manufacture, any Ozone depleting Substances.

CALIFORNIA PROPOSITION 65: WARNING: This product contains chemical(s) known to the State of California to cause birth defects or other reproductive harm: **None**

SECTION IX FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Greater than 200 F

AUTOIGNITION TEMPERATURE: N/A

EXTINGUISHING MEDIA: Water mist, Foam, CO2, dry chemical.

FLAMMABLE LIMITS: LOWER: Not Applicable

UPPER: Not Applicable

SPECIAL FIREFIGHTING PROCEDURES: Toxic gasses may be released. Use self-contained breathing apparatus.

UNUSUAL FIRE/EXPLOSIVE HAZARDOUS: None.

SECTION X HAZARD RATING INFORMATION

HMIS HAZARD RATING:

4= EXTREME	<i>TOXICITY= 1</i>
3= HIGH	<i>FIRE= 0</i>
2= MODERATE	<i>REACTIVITY= 0</i>
1= SLIGHT	<i>SPECIAL= G</i>
0= INSIGNIFICANT	

SECTION XI REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Temperatures of 212F or over will cause boiling of water.

INCOMPATIBILITY: Treat as water.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition on burning may produce toxic gasses.

SECTION XII USER'S RESPONSIBILITY

Target Coatings cannot anticipate all conditions of handling and use of this product. Therefore, **Target Coatings** accepts no responsibility for results obtained by application of this information, or safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. **Target Coatings** will accept no liability for damages or loss incurred from the improper handling and use of this product.

SECTION XIII SPECIAL PRECAUTIONS

PRECAUTION: READ MSDS BEFORE USE

SECTION XIV PREPARATION INFORMATION

This Material Safety Data Sheet was prepared by:

Jeff Weiss Telephone Number: 1-800-752-9922