

MANUFACTURER'S NAME:  
Williams-Hayward Protective Coatings, Inc  
7425 West 59th Street  
Summit, IL 60501

EMERGENCY TELEPHONE:  
800-424-9300

INFORMATION TELEPHONE:  
708-458-0015

EFFECTIVE DATE: 02/04/10

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SECTION I - PRODUCT IDENTIFICATION  
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PRODUCT NUMBER : H-7216-30B  
PRODUCT NAME : HARDENER FOR# 28-7216-30  
CHEMICAL NAME : ORGANIC COATING  
CHEMICAL FAMILY: SOLVENT BASED AIR DRY COATING

HMIS RATING: H F R PP  
2 3 1 J

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SECTION II - HAZARDOUS INGREDIENTS  
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INGREDIENT DESCRIPTION	CAS NUMBER	PERCENT BY WGT	ACGIH TLV	OSHA PEL AND OTHER EXPOSURE LIMITS
NORMAL BUTYL ALCOHOL	71-36-3	1.0	50.00 ppm	50.00 ppm
METHL ISOBUTYL KETONE	108-10-1	19.7	50.00 ppm	50.00 ppm
ETHYL 3-ETHOXYPROPRIONATE	763 69 9	32.1	50.00 PPM	50.00 PPM

----- RCRA TRACE ELEMENTS -----

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SECTION III - PHYSICAL DATA  
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BOILING RANGE: 165 TO 337 (deg F)  
73 TO 169 (deg C)

VAPOR DENSITY: HEAVIER THAN AIR

EVAP RATE : SLOWER THAN BUTYL ACETATE

DENSITY : 8.22 (lb/gl)  
: .98 (kg/l)

SOLVENTS : 7.376 (lb/gl)  
: .88 (kg/l)

APPEARANCE : CLEAR  
ODOR : SOLVENT ODOR  
WATER SOLUBLE: NO

% VOLATILE (VOLUME): 58.76  
% NVM (WEIGHT) : 47.03  
% NVM (VOLUME) : 41.24

VOC : 4.35 (lb/gl)  
: 521.48 (gr/l)

APPROVED MATERIAL

JUN 20 2013

MSDS # 11174

APPROVED BY *Devy 200*

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA  
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FLAMMABILITY CLASSIFICATION: UN1263, PAINT, 3 PGII UN1263

FLASH POINT: 74 (deg F) T.C.C. LEL: 1.00 UEL: 10.90  
23 (deg C)

EXTINGUISHING MEDIA: Carbon Dioxide, dry chemical and water fog.

## UNUSUAL FIRE AND EXPLOSION DATA:

Vapor forms explosive mixture with air between upper and lower explosive limits.

NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY)  
BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY!!-----  
SECTION V - HEALTH HAZARD DATA  
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## EFFECTS OF OVEREXPOSURE:

INHALATION: Vapor or mist can cause headache, nausea, and irritation of the nose, throat and lungs. Overexposure can have narcotic effect

EYE CONTACT: Slightly irritating to eyes.

SKIN CONTACT: Irritating to skin upon repeated or prolonged contact.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. INTENTIONAL MISUSE by deliberately concentrating and inhaling contents may be harmful or fatal.

PRIMARY ROUTES OF ENTRY: Dermal, Inhalation, Ingestion.

## MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:

Allergy, Asthma, Bronchitis, Emphysema.

## EMERGENCY AND FIRST AID PROCEDURES:

INHALATION Remove to fresh air. If not breathing, give artificial respiration. Have a trained person administer oxygen. CALL A PHYSICIAN.

EYE CONTACT Wash with plenty of water for 15 minutes.

SKIN CONTACT Wash with soap and water. An emolient cream or lotion is beneficial.

INGESTION DO NOT SWALLOW. If swallowed, do not induce vomiting. CALL A PHYSICIAN.

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SECTION VI - REACTIVITY DATA  
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STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID:

Accumulation of overspray dry film should be watered down and disposed of to avoid spontaneous combustion (such as spray filters and spray booth).

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid contact with strong oxidizing agents.  
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SECTION VII - SPILL OR LEAK PROCEDURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Product should be sprinkled with floor dry and saturated with water which will precipitate the paint. The paint can then be scraped up and disposed of.

WASTE DISPOSAL METHOD:

Dispose of in accordance with local, state, and federal regulations.  
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SECTION VIII - SAFE HANDLING AND USE INFORMATION  
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RESPIRATORY PROTECTION:

Follow OSHA Regulation 29CFR 1910.134 for respiratory use. Use air-purifying respirator that respirator supplier has demonstrated to be effective for solvent vapors, when concentrations exceed the TLV up to the maximum level at which the respirator is effective. If the concentration of solvents is not known or exceeds the level at which the air-purifying respirator is effective, a positive pressure air supplied respirator (TC19C NIOSH/MSHA) is recommended.

VENTILATION:

Local exhaust designed and maintained to provide volume and pattern to prevent vapor concentration in excess of Threshold Limit Value or Lower Explosive Limit.

PROTECTIVE GLOVES:

Usual hand protection for paint application.

EYE PROTECTION:

Chemical safety goggles should be worn when operator is directly exposed to the product.

OTHER PROTECTIVE EQUIPMENT:

Face shield when not using chemical safety goggles.

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SECTION IX - SPECIAL PRECAUTIONS  
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## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Avoid open flames and spark sources. Avoid splash filling. Provide adequate ventilation. Avoid excessive heat.

KEEP OUT OF REACH OF CHILDREN

This material has the potential for acute and/or chronic toxicity. Read Section VIII for special protection information

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SECTION X - OTHER INFORMATION  
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## SECTION 313 SUPPLIER NOTIFICATION:

This product contains the following chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

Chemical Name	CAS Number	Percent by weight
ETHYL 3-ETHOXYPROPRIONATE	763 69 9	32.13
METHL ISOBUTYL KETONE	108-10-1	19.75
NORMAL BUTYL ALCOHOL	71-36-3	1.08

## EUROPEAN INVENTORY STATUS (EINECS):

All components are either listed or are exempt from being listed on the EINECS chemical inventory

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