(11162)

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: 08/17/11

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER : 72-10788
PRODUCT NAME : WHITE THERMALBOND
CHEMICAL NAME : ORGANIC COATING
CHEMICAL FAMILY: WATER EMULSION AIR DRY COATING

HMIS RATING: H F R PP
2 0 0 J

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT DESCRIPTION	CAS NUMBER	PERCENT BY WGT	ACGIH TLV	OSHA PEL AND OTHER EXPOSURE LIMITS
WATER (NON-HAZARDOUS)	7732-18-5	51.8	NR	NR
ESTER-ALCOHOL	25265-77-4	4.4	835.00 UG/M3	NR
LD50: (MALE MOUSE), 1600-3200 MG/KG				

RCRA TRACE ELEMENTS

SECTION III - PHYSICAL DATA

BOILING RANGE: 200 TO 900 (deg F)
93 TO 482 (deg C)
VAPOR DENSITY: HEAVIER THAN AIR
EVAP RATE : SLOWER THAN BUTYL ACETATE
DENSITY : 9.45 (lb/gl)
: 1.13 (kg/l)
SOLVENTS : 8.310 (lb/gl)
: .99 (kg/l)

% VOLATILE (VOLUME): 65.40
% NVM (WEIGHT) : 42.60
% NVM (VOLUME) : 34.59
VOC (less water): 1.27 (lb/gl)
: 152.26 (gr/l)
VOC (as shipped): .52 (lb/gl)
: 62.77 (gr/l)

APPEARANCE : WHITE IN COLOR
ODOR : SLIGHT AMINE ODOR
WATER SOLUBLE: YES

APPROVED MATERIAL
JAN 11 2013
MSDS # 11162
APPROVED BY

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: PAINT,NON FLAMMABLE LIQUID

FLASH POINT: NOT APPLICABLE LEL: N/A UEL: N/A

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

UNUSUAL FIRE AND EXPLOSION DATA:
Acrylic emulsions will not burn. They may splatter if temperature exceeds boiling point (212 degrees F, 100 degrees C). Dried polymer films are capable of burning.

SECTION V - HEALTH HAZARD DATA

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.

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 5 minutes.
SKIN CONTACT	Wash with soap and water. An emollient cream or lotion is beneficial.
INGESTION	DO NOT SWALLOW. If swallowed, do not induce vomiting. CALL A PHYSICIAN.

SECTION VI - REACTIVITY DATA

STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:
Thermal decomposition may yield oxides of carbon, oxides of nitrogen and low molecular weight hydrocarbons. In baking systems, formaldehyde and ammonia may be present.

CONDITIONS TO AVOID: Non Applicable.

INCOMPATIBILITY (MATERIALS TO AVOID):
Avoid contact with strong oxidizing agents.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Keep unnecessary people away. Dike and contain spill with inert material (dry sand, fuller's earth, etc) and transfer the liquid to containers for recovery or proper disposal. Floor may be slippery. Care should be exercised to avoid falls.

NOTE: Emulsions can be coagulated by stepwise addition of lime and ferric sulfate to clear water end point.

WASTE DISPOSAL METHOD:
Dispose of in accordance with local, state, and federal regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

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:
Mechanical Local exhaust at point of contaminant (vapor, mist, or dust) release.

PROTECTIVE GLOVES:
Usual hand protection for paint application

EYE PROTECTION:
Splash-proof safety goggles (ANSI Z87.1, 1968).

OTHER PROTECTIVE EQUIPMENT:
Eyewash station, emergency shower.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Indoor:	YES	Refrigerated:	NO
Heated:	YES	Outdoor:	NO

Storage Temperature: Max. 100 F Min. 40 F
Max. 37 C Min. 4 C

OTHER PRECAUTIONS:
Spray from emulsions must not be inhaled. Respirators should be provided if engineering controls are not adequate. Inhalation exposures to mists or dusts of acrylic polymer should be maintained at (LESS THAN) 10 mg/m3 8-hour TWA limit established for nuisance dusts.

Residual monomer content under conditions to normal handling present no problems. However, high levels of monomer vapors can be released into workroom atmosphere when emulsions are heat cured or dried (rollers, ovens, infrared lamp, etc) if proper ventilation is not used.

MISCELLANEOUS:
Precautionary Labeling: KEEP FROM FREEZING
PRODUCT STABILITY MAY BE AFFECTED

SECTION X - OTHER INFORMATION

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

EUROPEAN INVENTORY STATUS (EINECS):
All components are either listed or are exempt from being listed on the EINECS chemical inventory