



MATERIAL SAFETY DATA SHEET

Date: January 2011

SECTION I

MANUFACTURERS NAME AND ADDRESS

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PRODUCT NAME

**METAL-KOAT 102
RUST INHIBITIVE**

PRODUCT CATALOG NUMBER(S)

107
PRODUCT CLASS
ACRYLIC ELASTOMERIC COATING
AND SEALANT

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS	CAS NO.	PERCENT WT.	HAZARDOUS			ACGIH PPM	TLV. Mg/M3	OSHA PPM	PEL Mg/M3	LEL	VAPOR PRESSURE
			A	B	C						
WATER	7732-18-5	20				NA	NA	NA	NA	NA	17@ 68°F
ACRYLIC RESIN	NA	50				NA	NA	NA	NA	NA	17@ 68°F
OPAQUE SOLUTION	NA	5				NA	NA	NA	NA	NA	17@ 68°F
ZINC HYDROPHOSPHITE	64539-51-1	10				NA	15	NA	NA	NA	NA
TITANIUM DIOXIDE	13463-67-7	7				NA	10	NA	15	NA	NA
ZINC OXIDE	1314-13-2	<5				NA	10	NA	15	NA	NA
CALCIUM CARBONATE	1317-65-3	<5				NA	10	NA	15	NA	NA
AQUA AMMONIA	1336-21-6	<1			X	25	18	50	35	16	560@ 68°F
PROPYLENE GLYCOL	57-55-6	<5				NA	NA	NA	NA	2.6	.22@ 68°F

X = Hazardous According: A- SARA 302/304, B- SARA 313, C- CERCLA
NA = NOT AVAILABLE

SECTION III - PHYSICAL DATA

VAPOR DENSITY X - HEAVIER X - LIGHTER THAN AIR* POUNDS PER GALLON 10.2 lbs./gal
 * Ammonia and water are lighter than air
 EVAPORATION RATE ___ FASTER X - SLOWER THAN ETHER VOC: .31 lbs./gal
 PERCENT VOLATILE BY VOLUME 65%

SECTION IV - FIRE AND EXPLOSIVE DATA

FLAMMABILITY CLASSIFICATION NONE FLASH POINT NONE LEL SEE SECTION II
 NONE NONE
 EXTINGUISHING MEDIA: In case of fire use COe, Dry Chemical, Foam, or other National Fire Protection Association (NFPA) approved method for treating a Class A Fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Due to pressure build-up, closed containers exposed to extreme heat may explode. During emergency conditions: overexposure to decomposition products cause a health hazard. Symptoms may not be immediately apparent. Obtain medical treatment.

SPECIAL FIRE FIGHTING PROCEDURES: Summon professional firefighters. Use full protective equipment including self-contained breathing apparatus. Water spray may be ineffective. If water is used, fog nozzles are preferable. If exposed to fire or extreme heat, water should be used to cool containers and prevent pressure build-up or possible auto-ignition.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: SEE SECTION II

EFFECTS OF OVEREXPOSURE

ACUTE - Breathing: Irritation of the respiratory tract: headache, nausea, dizziness.

Skin or Eye Contact: Primary Irritation.

CHRONIC: Prolonged and repeated breathing of spray mist and/or sanding dust over a period of years may cause dust disease of the lungs.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE - None when used in accordance with Safe Handling and Use Information (See Section VIII)

PRIMARY ROUTES OF ENTRY: ___ SKIN X BREATHING X SWALLOWING

SECTION VI - REACTIVITY DATA

STABILITY: __ - UNSTABLE X - STABLE

HAZARDOUS DECOMPOSITION PRODUCTS: May cause hazardous fumes when heated to decomposition. Fumes may contain carbon monoxide, carbon dioxide, oxides of nitrogen, and oxides of metals listed in SECTION II.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wash with water. Before attempting clean up, refer to hazard caution information in other sections of this material safety data form. Contain spilled material and remove with inert absorbent. Store in closed container until properly disposed.

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

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:

Do not breathe vapors, spray mist, or sanding dust. When spray is applied in outdoor or open areas with unrestricted ventilation and during sanding and grinding operations, use NIOSH/MSHA approved mechanical filter respirator to remove solid airborne particles and sanding dust. When used in restricted ventilation areas, wear NIOSH/MSHA approved chemical mechanical filters designed to remove a combination of particles and vapors. When used in confined areas, wear NIOSH/MSHA approved air supply respirators or hoods. Use NIOSH/MSHA approved respirator manufacturer's direction for respirator use.

VENTILATION:

Use only with ventilation. Provide general dilution or local exhaust ventilation in volume and pattern to keep air contaminant concentration below current applicable safety and health standards in the mixing, application, and curing areas, and to remove sanding dust of dried coating and decomposition product during welding and flame cutting on surfaces coated with this product.

PROTECTIVE GLOVES:

Not required.

EYE PROTECTION:

Do not get in eyes. Safety eyewear with splashguards or side shields is recommended to prevent contact.

OTHER PROTECTIVE EQUIPMENT:

Not required.

HYGIENIC PRACTICES:

Remove and wash soiled clothing before reuse. Wash hands before eating, smoking or using washroom.

SECTION IX - OTHER PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store below 110°F and keep from freezing. Keep containers closed when not in use. Do not reuse empty containers.
KEEP OUT OF REACH OF CHILDREN.

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