

REC'D APR 13 1998

1160

MATERIAL SAFETY DATA SHEET NPCA 1-84
FOR COATINGS, RESINS AND RELATED MATERIALS
REPLACES NPCA 1-82

PAI 00063
X35030029-000
X35030030-000

MANUFACTURER'S NAME
HUNTING INDUSTRIAL COATINGS
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DATE OF PREPARATION
JUNE 19, 1995

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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER - 2660

PRODUCT NAME:

PRODUCT CLASS - POLYVINYL COATING

EXECUTIVE BEIGE
WEATHERCOTE-T

SECTION II - HAZARDOUS INGREDIENTS

| INGREDIENTS | CAS NO. | PERCENT | OCCUPATIONAL EXPOSURE LIMIT | | VAPOR PRESSURE (mmHg) |
|----------------------|------------|---------|-----------------------------|--------|-----------------------|
| | | | TLV | STEL | |
| *METHYL ETHYL KETONE | 78-93-3 | 8-12 | 200ppm | 200ppm | 70.0 |
| *TOLUENE | 108-88-3 | 1-5 | 100ppm | 100ppm | 22.0 |
| ISOBUTYL ISOBUTYRATE | 97-85-8 | 15-20 | NOT ESTABLISHED | | 3.8 |
| ISOBUTYL ACETATE | 110-19-0 | 8-12 | 150ppm | 150ppm | 12.8 |
| METHYL AMYL KETONE | 110-43-0 | 8-12 | 50ppm | 50ppm | 4.0 |
| DIMETHYL GLUTARATE | 1119-40-0 | 1-2 | N/E | N/E | LOW |
| SILICA | 14808-60-7 | 1-2 | 0.1mg/m ³ | | N/A |

THIS PRODUCT CONTAINS CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 313, AND OF 40 CFR 372, INDICATED BY AN ASTERISK (*). THIS INFORMATION MUST BE INCLUDED IN ALL MSDSs THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

SECTION III - PHYSICAL DATA

BOILING RANGE: 175 - 437°F
EVAPORATION RATE SLOWER THAN ETHER.
WT/GAL: 9.2 LBS

VAPOR DENSITY HEAVIER THAN AIR.
% VOLATILE VOLUME: 69.0%

VOC - 4.9 LBS/GAL (588 G/L)

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: OSHA IB FLASH POINT 24°F
DOT FLAMMABLE LIQUID LEL 1.0%

EXTINGUISHING MEDIA:
FOAM "ALCOHOL" CO2 DRY CHEMICAL
FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS:

KEEP CONTAINERS TIGHTLY CLOSED. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. DON'T SPREAD MATERIALS. SMOTHER AND ALLOW FIRE TO GO OUT. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT CONDITIONS. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.

SPECIAL FIREFIGHTING PROCEDURES:

FIGHT AS VOLATILE LIQUID FIRE. USE WATER TO KEEP FIRE EXPOSED CONTAINERS COOL TO REDUCE PRESSURE. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION AND IGNITED BY PILOT LIGHTS, OTHER FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGE OR OTHER IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT. 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

EFFECT OF OVEREXPOSURE TO EYES:
CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING.

SKIN:
PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING.

BREATHING:
EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS AND EVEN ASPHYXIATION.

SWALLOWING:
CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF MATERIALS INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS, WHICH CAN BE FATAL.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: NONE KNOWN

PRIMARY ROUTES OF ENTRY: DERMAL INHALATION

EMERGENCY AND FIRST AID PROCEDURES:

IF ON SKIN:
THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

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IF IN EYES:

FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.

IF BREATHED:

IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION.

IF SWALLOWED:

DON'T INDUCE VOMITING, KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION. ASPIRATION OF MATERIAL INTO LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS, WHICH CAN BE FATAL.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:

MAY FORM TOXIC MATERIALS, CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS.

CONDITIONS TO AVOID: NONE KNOWN

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:

ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL AND TRANSFER TO HOOD.

WASTE DISPOSAL METHOD:

ALLOW VOLATILE PORTION TO EVAPORATE IN HOOD. ALLOW SUFFICIENT TIME FOR VAPORS TO COMPLETELY CLEAR HOOD DUCT WORK. DISPOSE OF REMAINING MATERIAL IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:

IF TLV OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/OSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.

VENTILATION:

PROVIDE SUFFICIENT MECHANICAL VENTILATION TO MAINTAIN BELOW TLV(s).

PROTECTIVE GLOVES:

WEAR RESISTANT GLOVES SUCH AS NITRILE RUBBER.

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EYE PROTECTION:

CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED. HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES.

OTHER PROTECTIVE EQUIPMENT:

TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

HYGIENIC PRACTICES:

WASH HANDS BEFORE EATING OR USING THE WASHROOM. SMOKE IN SMOKING AREAS ONLY.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

GOOD INDUSTRIAL HYGIENE PRACTICE REQUIRES THAT EMPLOYEE EXPOSURE BE MAINTAINED BELOW THE RECOMMENDED TLV. KEEP CLOSURE TIGHT AND CONTAINER UPRIGHT TO PREVENT LEAKAGE. STORE DRUM OUT OF SUN AND AWAY FROM HEAT. DO NOT STORE OR USE NEAR SPARKS OR FLAME. DO NOT GET IN EYES.

OTHER PRECAUTIONS:

PREVENT PROLONGED OR REPEATED BREATHING OF VAPORS OR SPRAY MIST. AVOID CONTACT WITH OR BREATHING OF VAPORS RELEASED DURING CURING PROCESS. NEVER USE PRESSURE TO EMPTY DRUM, DRUM IS NOT A PRESSURE VESSEL. DRUMS MUST NOT BE WASHED OUT OR USED FOR OTHER PURPOSES. DO NOT WELD OR FLAMECUT EMPTY DRUMS.

OVEREXPOSURE TO INGREDIENTS IN THIS MATERIAL HAS APPARENTLY BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN LABORATORY ANIMALS:

ANEMIA LIVER ABNORMALITIES KIDNEY DAMAGE EYE DAMAGE

OVEREXPOSURE TO INGREDIENTS IN THIS MATERIAL HAS APPARENTLY BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN HUMANS: CARDIAC ABNORMALITY

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN.

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