| PNT137                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                             | SAFETY                                                     | DATA S                                                                                            | HEET                                                                                                                                                                                    | 40                                                                       | 60                                                                                                |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--|--|--|--|
| GL. COATINGS & RESINS DIVISIO                                                                                                                                                                                                                                                                                                                                                                                                                                       | RPORATION                                   | data sheet a<br>or implied r<br>for the use<br>make your o | nd which SCM Coroor<br>egarbing the accurac<br>of this information, or<br>whicetermination of its | a is based on data available<br>ration believes to be reliable<br>by of this data. The SCM C<br>of any product, method or<br>suitability and completenes<br>h and safety of your employ | However, np v<br>orporation shall<br>apparatus men<br>is for your own is | warranty is expressed<br>il not be responsible<br>itioned and you must<br>use, for the protection |  |  |  |  |
| CLEVELAND OHIO 44115<br>EMERGENCY TELEPHONE NO (216) 82                                                                                                                                                                                                                                                                                                                                                                                                             | 26-5566                                     |                                                            | 39                                                                                                | 00                                                                                                                                                                                      | PA                                                                       | GE 1                                                                                              |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SECTION I                                   |                                                            |                                                                                                   |                                                                                                                                                                                         |                                                                          |                                                                                                   |  |  |  |  |
| CODE IDENTIFICATION<br>PRODUCT IDENTIFICAT                                                                                                                                                                                                                                                                                                                                                                                                                          |                                             |                                                            | PRINTED                                                                                           | 02/                                                                                                                                                                                     | /28/86                                                                   |                                                                                                   |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SECTION II - H                              | AZARDOUS                                                   | NGREDIENT                                                                                         | `S<br>                                                                                                                                                                                  |                                                                          |                                                                                                   |  |  |  |  |
| INGREDIENT                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                             | WEIGHT<br>PERCENT                                          | THRESHOLD                                                                                         | LIMIT VALUE                                                                                                                                                                             | E LEL                                                                    | VAPOR<br>PRESS.                                                                                   |  |  |  |  |
| TITANIUM DIOXIDE<br>Cas NO                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1317-80-2                                   | 24                                                         |                                                                                                   | 10 MG/M3                                                                                                                                                                                |                                                                          |                                                                                                   |  |  |  |  |
| ETHYLENE GLYCOL<br>Cas NO                                                                                                                                                                                                                                                                                                                                                                                                                                           | 107-21-1                                    | 5                                                          | с                                                                                                 | 50 PPM                                                                                                                                                                                  | 3.2                                                                      | •10                                                                                               |  |  |  |  |
| ALCOHOL                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2525 <b>5-77-4</b>                          | 2                                                          |                                                                                                   |                                                                                                                                                                                         | •6                                                                       | 1.00                                                                                              |  |  |  |  |
| C-CEILING - THE CONCENTRATION THAT SHOULD NOT BE EXCEEDED<br>EVEN INSTANTANEOUSLY.<br>THE THRESHOLD LIMIT VALUE (TLV) IS THE TIME WEIGHTED AVERAGE<br>(TWA) TO WHICH IT IS BELIEVED THAT MOST WORKERS MAY BE<br>EXPOSED 8-10 HOURS PER DAY, 40 HOURS PER WEEK WITHOUT<br>ADVERSE HEALTH EFFECTS.<br>LEL - THE LOWER EXPLOSIVE LIMIT IS THE LOWEST CONCENTRATION<br>(X OF VOLATILES IN AIR) THAT WILL PRODUCE A FLASH OF FIRE<br>WHEN AN IGNITION SOURCE IS PRESENT. |                                             |                                                            |                                                                                                   |                                                                                                                                                                                         |                                                                          |                                                                                                   |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SECTION III - P                             | HYSICAL DA                                                 | TA                                                                                                |                                                                                                                                                                                         |                                                                          |                                                                                                   |  |  |  |  |
| BOILING RANGE<br>% VOLATILE BY VOLU                                                                                                                                                                                                                                                                                                                                                                                                                                 | NOT DETERMIN                                |                                                            |                                                                                                   |                                                                                                                                                                                         |                                                                          |                                                                                                   |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SECTION IV - FIRE AND EXPLOSION HAZARD DATA |                                                            |                                                                                                   |                                                                                                                                                                                         |                                                                          |                                                                                                   |  |  |  |  |
| FLASH POINT (SETA)                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                             |                                                            |                                                                                                   |                                                                                                                                                                                         | DETER                                                                    | MINED                                                                                             |  |  |  |  |

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

HAZARD CLASS NOT RESTRICTED

EXTINGUISHING MEDIA

DRY CHEMICAL OR FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY BURST IF EXPOSED TO EXTREME HEAT OR FIRE.

SPECIAL FIRE FIGHTING PROCEDURES

WATER MAY BE USED TO COOL AND PROTECT EXPOSED CONTAINERS.

SECTION V - HEALTH HAZARD DATA

ROUTE OF ENTRY INHALATION SKIN EYES INGESTION

EFFECTS OF OVEREXPOSURE

IRRITATION OF EYES, SKIN, RESPIRATORY TRACT. PROLONGED INHALATION MAY LEAD TO DIZZINESS AND/OR LIGHTHEADEDNESS. POSSIBLE NAUSEA, VOMITING, DIGESTIVE SYSTEM PROBLEMS, DIFFICULTY OF BREATHING.

EMERGENCY AND FIRST AID PROCEDURES

- INHALATION MOVE PERSON TO WELL VENTILATED AREA. GET EMERGENCY MEDICAL ATTENTION. ADMINISTER DXYGEN OR ARTIFICIAL RESPIRATION IF NECESSARY.
- SKIN CONTACT FLUSH FROM SKIN WITH WATER, THEN WASH THOROUGHLY WITH SDAP AND WATER. REMOVE CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE RE-USE.
  - T CONTACT FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET EMERGENCY MEDICAL ATTENTION.

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|--------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|--|--|
| CLEVELAND OHIO 44115<br>EMERGENCY TELEPHONE NO (215) 8 | 326-5566                                     |                                                                                                                          | 3900                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PAGE | 3        |  |  |
|                                                        | SECTION V - HEALT                            | TH HAZARD DAT                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |          |  |  |
| INGESTION                                              | GET EMERGENCY MEDICA                         |                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |          |  |  |
|                                                        | SECTION VI - REACT                           | TIVITY DATA                                                                                                              | _ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~                                                                                                                                                                                                                                                                                                                                                                                                                                                     |      | <u> </u> |  |  |
| STABILITY                                              | STABLE                                       |                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |          |  |  |
| INCOMPATIBILITY                                        | OXIDIZERS                                    |                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |          |  |  |
| CONDITIONS TO AVOID                                    |                                              |                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |          |  |  |
|                                                        | ELEVATED TEMPERATURE<br>CONTACT #ITH OXIDIZI |                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |          |  |  |
| HAZARDOUS DECOMPOSITION PRODUCTS                       |                                              |                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |          |  |  |
| 0                                                      | CARBON MONOXIDE<br>Carbon Dioxide            |                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |          |  |  |
| HAZARDOUS POLYMERI                                     | ZATION                                       |                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |          |  |  |
|                                                        | WILL NOT OCCUR                               |                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |      |          |  |  |

SECTION VII - SPILL OR LEAK PROCEDURES ----

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA. SMALL SPILLS MAY BE COLLECTED WITH ABSORBENT MATERIALS.

DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. WASTE DISPOSAL AVOID DISCHARGE TO NATURAL WATERS.

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SECTION VIII - SPECIAL PROTECTION INFORMATION

### RESPIRATORY PROTECTION

CONTROL ENVIRONMENTAL GONCENTRATIONS BELOW APPLICABLE STANDARDS. WHERE RESPIRATORY PROTECTION IS REQUIRED, USE ONLY NIOSH/MSHA APPROVED RESPIRATORS IN ACCORDANCE WITH OSHA STANDARD 29 CFR 1910.134.

VENTILATION PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO PREVENT BUILD-UP OF VAPORS.

#### PERSONAL PROTECTIVE EQUIPMENT

EYE WASH SAFETY SHOWER SAFETY GLASSES OR GOGGLES IMPERVIOUS GLOVES

SECTION IX - SPECIAL PRECAUTIONS

HANDLING AND STORAGE

STORE BELOW 100 F. KEEP FROM FREEZING.

STHER PRECAUTIONSUSE DNLY WITH ADEQUATE VENTILATION.<br/>DD NOT TAKE INTERNALLY.<br/>KEEP OUT OF REACH OF CHILDREN.<br/>AVOID CONTACT WITH SKIN AND EYES, AND BREATHING OF VAPORS.<br/>WASH HANDS THORDUGHLY AFTER HANDLING, ESPECIALLY BEFORE<br/>EATING OR SMOKING.<br/>KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN USE.<br/>AVOID BREATHING SANDING DUST.