

THE JOHN GIRVAN  
COMPANY, INC.

11730 PHILLIPS HIGHWAY JACKSONVILLE FL 32256

**PROTEAM PRODUCTS**  
**MATERIAL SAFETY DATA SHEET**

EFFECTIVE DATE: 01/01/95

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**SECTION I**

MANUFACTURERS NAME

THE JOHN GIRVAN CO

EMERGENCY TELEPHONE NO

1-800-356-6460

CHEMTREC 1-800-424-9300

TRADE NAMES AND SYNONYMS

PROTEAM TILE AND VINYL CLEANER

CHEMICAL NAME AND SYNONYMS

INORGANIC ACID

CHEMICAL FAMILY

MIXTURE PROPRIETARY

FORMULA

MIXTURE PROPRIETARY

**SECTION II - HAZARDOUS INGREDIENTS**

COMPONENT

PHOSPHORIC ACID

%

~11

HYDROCHLORIC ACID

~11

INERT

~78

HAZARD DATA

THE COMPONENTS OF PROTEAM TILE AND  
VINYL CLEANER ARE SEVERLY IRRITATING  
TO THE EYES AND SKIN

**SECTION III - PHYSICAL DATA**

BOILING POINT

N/A

SPECIFIC GRAVITY (H<sub>2</sub>O=1)

~1.15

VAPOR PRESSURE ( mmHg)

N/A

VAPOR DENSITY ( AIR=1)

N/A

SOLUBILITY IN WATER

COMPLETELY

**SECTION IV - FIRE & EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED)

WATER SOLUTION- NON FLAMABLE

FLAMMABLE LIMITS

N/A

APPEARANCE AND ODOR

AMBER LIQUID - MILD ODOR

EXTINGUISHING MEDIA

N/A

SPECIAL FIRE FIGHTING PROCEDURES

WEAR SELF CONTAINED BREATHING APPARATUS -COOL CONTAINER WITH WATER IF EXPOSED TO FIRE

UNUSUAL FIRE AND EXPLOSION HAZARDS

**SECTION V - HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE

NOT ESTABLISHED FOR MIXTURE - OSHA TWA FOR HYDROGEN CHLORIDE IS C 5PPM

TOXICITY

THE TOXICITY OF THE MIXTURE HAS NOT BEEN ESTABLISHED, BUT THE COMPONENTS ARE SEVERLY IRRITATION TO THE EYES AND SKIN MODERATELY TOXIC ORALLY.

## SECTION V - HEALTH HAZARD DATA (cont.)

EFFECTS OF OVER EXPOSURE

SEVERE EYE IRRITATION AND IRRITATION OF THE SKIN WILL OCCUR

EMERGENCY AND FIRST AID PROCEDURES

EYES: FLUSH WITH WATER FOR 15 MINUTES, SEEK MEDICAL ATTENTION

SKIN: FLUSH WITH WATER

INGESTION: DRINK MILK OF MAGNESIA, MILK, OR RAW EGG WHITES - SEEK MEDICAL ATTENTION

## SECTION VI - REACTIVITY DATA

STABILITY

STABLE

CONDITIONS TO AVOID

MOST METALS, STRONG OXIDERS, SULFIDES

INCOMPATIBILITY

ALKALIS OR AMINES: HEAT CAN CAUSE EVOLUTION OF HYDROGEN CHLORIDE

HAZARDOUS DECOMPOSITION PRODUCTS

HYDROGEN CHLORIDE GAS MAY BE RELEASED

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

CONDITIONS TO AVOID

NONE

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

NEUTRALIZE SPILL WITH SODIUM CARBONATE, OR SODA ASH - FLUSH WITH LARGE AMOUNTS OF WATER

WASTE DISPOSAL METHOD

FLUSH COMPLETELY NEUTRALIZED MATERIAL TO A SEWER IF ALLOWED BY LOCAL REGULATIONS OR SEND TO AN APPROVED AQUEOUS WASTE DISPOSAL FACILITY IN ACCORDANCE WITH LOCAL AND FEDERAL REGULATIONS.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

USE IF MISTING OCCURS

VENTILATION

LOCAL EXHAUST

USE IF MISTING OCCURS

SPECIAL

NONE

MECHANICAL

USE FOR GENERAL AREA CONTROL

OTHER

NONE

PROTECTIVE GLOVES

RUBBER OR PLASTIC GLOVES

EYE PROTECTION

GOGGLES

OTHER PROTECTIVE EQUIPMENT

WEAR LONG-SLEEVE CLOTHING

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

DO NOT STORE IN CLOSED PROXIMITY TO DRY CHEMICALS. PROTECT FROM FREEZING. KEEP BOTTLE TIGHTLY CAPPED WHEN NOT IN USE.

OTHER PRECAUTIONS

NONE

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