

INTERPLASTIC CORPORATION -- COR105-58 (FIRST OF TWO MSDS'S-ITEM HAS 33 INGREDIENTS)
-- 8030-01-316-8616

===== Product Identification =====

Product ID:COR105-58 (FIRST OF TWO MSDS'S-ITEM HAS 33 INGREDIENTS)

MSDS Date:08/05/1992

FSC:8030

NIIN:01-316-8616

MSDS Number: BVVFX

=== Responsible Party ===

Company Name:INTERPLASTIC CORPORATION

Address:1225 WOLTERS BLVD.

City:VADNAIS HEIGHTS

State:MN

ZIP:55

110-5145

Country:US

Info Phone Num:NOT REPORTED

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:16881

=== Contractor Identification ===

Company Name:INTERPLASTIC CORP

Address:2015 BROADWAY NE

Box:City:MINNEAPOLIS

State:MN

ZIP:55413

Country:US

Phone:612-331-6850

CAGE:16881

===== Composition/Information on Ingredients =====

Ingred Name:PART A OF THIS MSDS CONTAINS INGRED 1-24;PART B CONTAINS
INGRED 25-33.

Other REC Limits:NONE RECOMMENDED

Ingred Name:UNSATURATED POLYESTER
RESIN BASE-CONSISTING OF INGREDIENTS
3-35

Fraction by Wt: 59.5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ISOPHTHALIC ACID,DIPROPYLENE GLYCOL,MALEIC
ANHYDRIDE,PROPYLENE GLYCOL POLYESTER

CAS:9065-68-3

Other REC Limits:NONE RECOMMENDED

Ingred Name:PHTHALIC ANHYDRIDE,MALEIC ANHYDRIDE,ADIPIC ACID,DIETHYLENE
GLYCOL PROPYLENE GLYCOL RESIN

CAS:25464-21-5

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIETHYLENE GLYCOL,MALEIC ANHYDRIDE,PHTHALIC ANHYDRIDE
POLYMER

CAS:26123-45-5

Othe

r REC Limits:NONE RECOMMENDED

Ingred Name:MALEIC ANHYDRIDE,PROPYLENE GLYCOL,PHTHALIC ANHYDRIDE
POLYMER

CAS:25037-66-5

Other REC Limits:NONE RECOMMENDED

Ingred Name:2,5-FURANDIONE, 1,2-PROPANEDIOL POLYMER

CAS:25749-49-9

Other REC Limits:NONE RECOMMENDED

Ingred Name:PHTHALIC ANHYDRIDE,MALEIC ANHYDRIDE,DIBROMONEOPENTYL GLYCOL
POLYMER

CAS:25987-82-0

Other REC Limits:NONE RECOMMENDED

Ingred Name:PHTHALIC ANHYDRIDE,MALEIC ANHYDRIDE,PROPYLENE
GLYCOL,DIETHYLENE GLYCOL, POLYMER

CAS:26098-

37-3

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIETHYLENE GLYCOL, ETHYLENE GLYCOL, MALEIC ANHYDRIDE,
ISOPHTHALIC ACID POLYMER

CAS:26795-76-6

Other REC Limits:NONE RECOMMENDED

Ingred Name:MALEIC ANHYDRIDE, ISOPHTHALIC ACID, PROPYLENE BLYCOL RESIN

CAS:26301-26-8

Other REC Limits:NONE RECOMMENDED

Ingred Name:MALEIC ANHYDRIDE,ISOPHTHALIC ACID,ETHYLENEGLYCOL,PROPYLENE
GLYCOL POLYMER

CAS:30946-90-8

Other REC Limits:NONE RECOMMENDED

Ingred Name:NEOPENTYL GLYCOL,MALEIC ANHYDRIDE,ADIPIC
ACID,ISOPHTHALIC

ACID POLYMER

CAS:31260-98-7

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIETHYLENE GLYCOL,ADIPIC ACID,MALEIC ANHYDRIDE,PHTHALIC
ANHYDRIDE POLYMER

CAS:32505-78-5

Other REC Limits:NONE RECOMMENDED

OSHA PEL:UNKNOWNNOT ESTABLISH

Ingred Name:ISOPHTHALIC ACID,NEOPENTYL GLYCOL,MALEIC
ANHYDRIDE,PROPYLENE GLYCOL POLYMER

CAS:32762-75-7

Other REC Limits:NONE RECOMMENDED

Ingred Name:MALEIC ANHYDRIDE,PHTHALIC ANHYDRIDE,PROPYLENE
GLYCOL,DIPROPYLENE GLYCOL POLYMER;

CAS:373

47-86-7

Other REC Limits:NONE RECOMMENDED

Ingred Name:HETRON 27205

CAS:37999-57-8

Other REC Limits:NONE RECOMMENDED

Ingred Name:MALEIC ANHYDRIDE,,PHTHALIC ANHYDRIDE,PROPYLENE
GLYCOL,NEOPENTYL GLYCOL POLYMER

CAS:52453-94-8

Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYLENE GLYCOL, MALEIC ANHYDRIDE, AND DICYCLOPENTADIENE
POLYMER

CAS:64386-66-9

Other REC Limits:NONE RECOMMENDED

Ingred Name:POLYESTER BASE RESIN;

CAS:67171-35-1

Other REC Limits:NONE RECOMMENDED

Ingred Name:MALEIC ANH
YDRIDE,ISOPHTHALIC ACID,ADIPIC ACID,NEOPENTYL
GLYCOL,PR GLYCOL POLYMER;

CAS:67599-39-7

Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHYLENE GLYCOL,DIETHYLENE GLYCOL,MALEIC
ANHYDRIDE,DICYCLOPENTADIENE POLYMER

CAS:68171-28-8

Other REC Limits:NONE RECOMMENDED

Ingred Name:MALEIC ANHYDRIDE,DIPROPYLENE GLYCOL,POLYMER,2-ETHYLHEXYL
ESTER

CAS:68511-26-2

Other REC Limits:NONE RECOMMENDED

Ingred Name:HEXANEDIOIC ACID POLYMER WITH
2,5-FURANDIONE+2,2'OXYBISETHANOL

CAS:29350-58-1

Other RE

C Limits:NONE RECOMMENDED

Ingred Name:1,3-BENZENEDICARBOXYLIC ACID POLYMER WITH
2,5-FURANDIONE+2,2'OXYBISETHANOL+1,2-PROPANEDIOL

CAS:36346-15-3

Other REC Limits:NONE RECOMMENDED

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===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 2650 MG/KG(STYRENE)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:EYES:CAN CAUSE SEVERE
IRRITATION.SKIN:CA

N CAUSE MODERATE IRRITATION AND

DEFATTING.INHAL:MAY CAUSE RESPIRATORY IRRITATION.INGEST:MAY CAUSE
GI TRACT IRRITATION.MAY CAUSE LUNG DAMAGE IF VOMITED AFTER ING
ESTING.CHRONIC:MAY DAMAGE LIVER,KIDNEY AND BLOOD FORMING
ORGANS(SOURCE:CCINFO).

Explanation of Carcinogenicity:STYRENE HAS SHOWN LIMITED EVIDENCE OF
CARCINOGENICITY IN IARC.

Effects of Overexposure:EYES:REDNESS, YEARNING, BLURRED

VISION.SKIN:DERMATITIS.INHAL:DIZZINESS,WEAKNESS,FATIGUE,NAUSEA,HEAD
ACHE,POSSIBLE UN

CONSCIOUSNESS OR

ASPHYXIATION.INGEST:NAUSEA,VOMITING,DIARRHEA.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING

LIVER,KIDNEY,BLOOD OR SKIN AILMENTS MAY BE AT INCREASED RISK FROM
EXPOSURE(SOURCE:CCINFO).

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===== First Aid Measures =====

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND
WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH
AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT

INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Flash Point:88.0F,31.1C

Lower Limits:1.1

Upper Limits:6.1

Extinguishing Media:REGULAR FOAM,CARBON DIOXIDE,DRY CHEMICAL.WATER OR
FOAM MAY CAUSE DANGEROUS FROTHING.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER
FOG.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER TH

AN AIR,CAN TRAVEL

DISTANCES ALONG THE GROUND,AND FLASHBACK AT THE SOURCE.

===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.SHUT OFF LEAK IF SAFE.DIKE.SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT(CLAY,SAND);PLACE IN PROPER CONTAINER FOR DISPOSAL.
Neutralizing Agent:NONE

===== Handling and Storage =====

Handling and Storage

Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE BELOW 100F.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM HEAT,SPARKS,AND INCOMPATIBLE MATERIALS.

Other Precautions:EMPTY CONTAINERS MAY BE DANGEROUS.GROUND AND BOND CONTAINERS WHEN TRANSFERRING LIQUIDS;FLOWING HYDROCARBONS MAY PRODUCE STATIC ELECTRICITY.CHECK FOR PRESSURE BUILDUP WHEN TAKING CONTAINERS OUT OF STORAGE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:W

HERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A NIOSH/MSHA RESPIRATOR FOR ORGANIC VAPORS OR A SELF-CONTAINED BREATHING APPARATUS,DEPENDING ON THE CONCENTRATION OF CONTAMINANT.

Ventilation:LOCAL VENTILATION AT THE WORKSITE;MECHANICAL(GENERAL) VENTILATION TO MAINTAIN TLV/PEL.

Protective Gloves:NEOPRENE,NITRILE RUBBER.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE LOCAL EYE WASH STATION AND SAFETY SHOWER

WER

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

THIS MSDS HAS 33 INGREDIENTS;PART A HAS INGREDIENTS 1-24;PART B HAS INGREDIENTS 25-33.

===== Physical/Chemical Properties =====

HCC:F3

Boiling Pt.=145.C, 293.F

Vapor Pres:4.3

Vapor Density:3.6

Spec Gravity:1.11-1.13

Evaporation Rate & Reference: