

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:

PART #5490Y
ORIGINAL FISHER
YELLOW ENAMEL

OTHER MEANS OF IDENTIFICATION (FOR CHEMTREC): FORMULA # 35A280N128

RECOMMENDED USE OF THE CHEMICAL: LIQUID COATING

SUPPLIER DETAILS: MANUFACTURED BY:

Custom-Pak Products Inc.
N118 W 18981 Bunsen Drive
Germantown, WI 53022
(262) 251-6180

MANUFACTURED FOR:

FISHER ENGINEERING
50 GORDON DR
ROCKLAND, ME 04841
207-701-4200

EMERGENCY 24-HOUR TELEPHONE NUMBERS:

Call CHEMTREC: within USA dial 1-800-424-9300 or outside USA dial +1-703-527-3887

SECTION 2: HAZARDS IDENTIFICATION

HAZARD PICTOGRAMS:



GHS02 Flame, GHS07 Exclamation Mark, GHS08 Health Hazard

CLASSIFICATION OF THE SUBSTANCE OF MIXTURE:

Flammable Liquids, Category 2
Aspiration Hazard, Category 1
Acute Toxicity - Dermal, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Serious Eye Damage/Eye Irritation, Category 2B
Acute Toxicity - Inhalation, Category 4
Specific Target Organ Toxicity - Single Exposure, Category 3
Specific Target Organ Toxicity - Single Exposure, Category 3
Carcinogenicity, Category 2
Specific Target Organ Toxicity - Repeated Exposure, Category 2
Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 42.81%

SIGNAL WORD: DANGER

HAZARD STATEMENTS:

H225 Highly flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H320 Causes eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H373 May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS:

GENERAL & PREVENTION:

P102 Keep out of reach of children.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames/other ignition sources. No smoking.
P233 Keep container tightly closed when not in use.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261-1 Avoid breathing vapor.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear eye protection.

RESPONSE:

CONTINUED -->

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P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P302+P350 IF ON SKIN: Wash with plenty of soap and water.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove victim to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do
P312 Call a POISON CENTER/doctor if you feel unwell.
P331 Do NOT induce vomiting.
P337+P313 If eye irritation persists: Get medical advice/attention.
P370+P378 In case of fire: Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agent

STORAGE:

P403+P233 Store in a well-ventilated place. Keep container tightly closed when not in use.
P403+P235 Store in a well-ventilated place. Keep cool.

DISPOSAL:

P501 Dispose of contents/container in accordance with local/regional/national regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#	COMPONENT	CAS#	% by WT.
1	N-BUTYL ACETATE	123-86-4	30-36
2	XYLENE	1330-20-7	10-16
3	ETHYL ACETATE	141-78-6	5-8
4	*TITANIUM DIOXIDE	13463-67-7	3-5
5	*ETHYLBENZENE	100-41-4	3-5
6	ALIPHATIC PETROLEUM NAPHTHA	64742-48-9	0.1-1
7	(BIN 14) ALIPHATIC HYDROCARBON	8052-41-3	0.1-1

SECTION 4 - FIRST AID MEASURES

Inhalation: If inhaled: Move victim to fresh air and keep comfortable for breathing.
Skin Contact: If on skin: Wash with plenty of soap and water. Call a poison center/doctor if you feel unwell.
Remove contaminated clothing and wash before reuse.
Eye Contact: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion: If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting unless directed to do so by medical personnel.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

See Section 11: Toxicological Information and effects.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT REQUIRED:

Treat symptomatically.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: CO₂ (Carbon Dioxide), dry chemical, or water fog.
Unsuitable Extinguishing Media: Water spray may be unsuitable. However if water is used fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up.
Specific Hazards Arising From the Chemical: Closed containers exposed to heat from fire may build pressure and explode. Products of combustion may include but are not limited to: oxides of carbon.
Special Protective Equipment and Precautions for Fire-Fighters: Full protective equipment including self-contained breathing apparatus should be used.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8.
Environmental Precautions: Prevent contamination of soil/ground, waterways, drains, and sewers.
Methods of Containment: Absorb spilled liquid in suitable material.
Methods for Clean-Up: Use spark-proof tools to sweep or scrape up, containerize, and dispose of properly.
Other Information: Ensure adequate ventilation.

SECTION 7 - HANDLING AND STORAGE**Precautions for Safe Handling:**

Vapors may ignite explosively. Prevent buildup of vapors. Keep from sparks, heat, flame or other heat sources. Do not smoke. Turn off pilot lights, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Do not puncture or incinerate/burn container. Keep container tightly closed while not in use.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in dry, well-ventilated area and in accordance with federal, state, and local regulations. Do not expose to heat or store at temperatures above 49 degrees C / 120 degrees F. If storing in cold temperatures, allow product to warm to room temperature before use. Keep container tightly closed and out of heat and sunlight when not in use.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**CONTROL PARAMETERS**

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SAFETY DATA SHEET Per OSHA HCS

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#	COMPONENT	ACGIH TLV-STEL	ACGIH TLV-TWA	OSHA PEL-TWA
1	N-BUTYL ACETATE	200 ppm	150 ppm	150 ppm
2	XYLENE	150 ppm	100 ppm	100 ppm
3	ETHYL ACETATE	N/E	400 ppm	400 ppm
4	*TITANIUM DIOXIDE	N/E	10 mg/m3 ppm	15 mg/m3 ppm
5	*ETHYLBENZENE	125 ppm	100 ppm	100 ppm
6	ALIPHATIC PETROLEUM NAPHTHA	N/E	100 ppm	500 ppm
7	(BIN 14) ALIPHATIC HYDROCARBON	N/E	N/E	N/E

APPROPRIATE ENGINEERING CONTROLS: Provide adequate ventilation to keep air contamination below OSHA permissible exposure limits and ACGIH TLV exposure levels.

EYE/FACE PROTECTION: Wear safety glasses with side shields. Have eye wash facilities immediately available.

SKIN PROTECTION: Wear chemical resistant gloves if contact is likely.

RESPIRATORY PROTECTION: Use NIOSH-approved air-purifying respirator with organic cartridge or canister if exposure cannot be controlled within applicable limits with ventilation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
COLOR:	See product identification
ODOR:	Solvent Odor
ODOR THRESHOLD:	No Data Available
pH:	No Data Available
FREEZING POINT:	Not established (mixture)
BOILING POINT:	75 - 186 degrees C (167 - 367 degrees F)
FLASH POINT:	greater than 23 degrees C (greater than 73 degrees F), c.c.
EVAPORATION RATE:	Slower than ether
UPPER FLAMMABILITY LIMIT:	Not established (mixture)
LOWER FLAMMABILITY LIMIT:	Not established (mixture)
VAPOR PRESSURE:	Not established (mixture)
SPECIFIC GRAVITY:	1.006
SOLUBILITY (WATER):	Negligible
VOC PERCENT BY WEIGHT:	53.82
HAPS PERCENT BY WEIGHT:	16.33

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: Will not occur.

CONDITIONS TO AVOID: Keep away from heat, sparks, and flames.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: by fire - Carbon Dioxide and Carbon Monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF ENTRY: Skin contact, Inhalation, Eye contact, Ingestion

SIGNS AND SYMPTOMS OF EXPOSURE:

Skin Contact: Signs/symptoms may include localized redness, itching, drying and cracking of skin.

Inhalation: Intentional concentration and inhalation may be harmful or fatal.

Eye Contact: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

Ingestion: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Intentional concentration and ingestion of large amounts may be harmful or fatal.

TARGET ORGANS POTENTIALLY AFFECTED BY EXPOSURE:

Central nervous system, kidneys, lungs, liver, eyes, skin, brain, respiratory tract, urinary tract, reproductive system, cardiovascular system

TOXICOLOGICAL DATA:

#	COMPONENT	LD50 ORAL	LD50 DERMAL	LC50 INHALATION
1.	N-BUTYL ACETATE	>10,760 mg/kg (rat)	>14,112 mg/kg rabbit	>21 mg/l (rat) 4 h
2.	XYLENE	>3523 mg/kg	>4200 mg/kg	>20 mg/L
3.	ETHYL ACETATE	>4934 mg/kg	>20000 mg/kg	>22.5 mg/L
4.	*TITANIUM DIOXIDE	N/E	N/E	N/E
5.	*ETHYLBENZENE	N/E	N/E	N/E
6.	ALIPHATIC PETROLEUM NAPHTHA	N/E	N/E	N/E
7.	(BIN 14) ALIPHATIC HYDROCARBON	N/E	N/E	N/E

SECTION 12: ECOLOGICAL INFORMATION

No Data Available

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of container and its contents in accordance with federal, state, and local regulations. Do not puncture, incinerate, or place container in trash compactor.

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SECTION 14: TRANSPORTATION INFORMATION**GROUND (D.O.T./49 CFR)**

UN I.D. Number: UN1263 Proper Shipping Name: PAINT
Transport Hazard Class: 3 Packing Group: III
Hazard Label: Flammable Liquid label
Shipping papers format: UN1263, PAINT, 3, III

IATA (AIR)

UN I.D. Number: UN1263 Proper Shipping Name: PAINT
Transport Hazard Class: 3 Packing Group: III
Hazard Label: Flammable Liquid label
Packing Instruction: 355 or 366 (UN-certified box must be used & see *IMPORTANT NOTE below)
Shipping papers format: UN1263, PAINT, 3, III
*IMPORTANT NOTE:
P.I. 355=60L/2028 fl. oz. max per box for Passenger and Cargo Aircraft
P.I. 366=220L/7439 fl. oz. max per box for Cargo Aircraft Only

WATER (IMDG)

UN I.D. Number: UN1263 Proper Shipping Name: PAINT
Transport Hazard Class: 3 Packing Group: III
Hazard Label: Flammable Liquid Packing Instruction: P001
EmS: F-E, S-E Stowage and Segregation: Category A
Shipping papers format: UN1263, PAINT, 3, III, (23 C c.c.)

No component of this product is a listed Marine Pollutant (49 CFR 172,101,Appendix B).

SECTION 15: REGULATORY INFORMATION**International Chemical Inventory**

All components of this product are listed on or exempt from the following inventories:
TSCA (United States), CEPA/DSL (Canada), AICS (Australia), IECSC (China)

SARA Section 313 Toxic Chemicals:

XYLENE 1330-20-7, *ETHYLBENZENE 100-41-4

Chemicals listed above are subject to the SARA reporting requirements under 40 CFR 372.45(c)(5).

California Prop65 Chemicals:

*ETHYLBENZENE 100-41-4

*California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

SECTION 16: OTHER INFORMATION

REVISION DATE: 09/13/16

HMIS & NFPA Hazard Scale:

0=minimal, 1=slight, 2=moderate, 3=serious, 4=severe

HMIS(American Coatings Association's Hazardous Material Identification System):

Health = 2 Flammability = 3 Physical Hazard = 1

NFPA 704(National Fire Protection Association's Hazard Identification Ratings System):

Health = 2 Flammability = 3 Instability = 1

This SDS is based on information believed to be reliable and accurate. Because of changing reporting requirements and other variables it is impossible to guarantee with complete accuracy all the information contained in this document. It is the responsibility of the user to determine proper personal protection based on actual condition of use and to comply with all federal, state, and local laws and regulations.