

# SAFETY DATA SHEET



<b>DATE PRINTED</b>	3/8/2023
<b>SDS REF. No :</b>	0890X

## 0890X DEFOAMER

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 0890X DEFOAMER  
**PRODUCT CODE:** 0890X  
**SYNONYMS:** N/A  
**CAS NUMBER:** MIXTURE  
**RECOMMENDED USE:** Defoamer  
**RESTRICTION :** For Industrial Use Only

**MANUFACTURER**  
VANGUARD PAINTS & FINISHES, INC.  
1409 Greene Street  
P.O. Box 654  
Marietta, Ohio, 45750  
740-373-5261

**24 HR. EMERGENCY TELEPHONE NUMBER**  
**Vanguard Paints After hours Emergency phone:**740-516-8698  
**CHEMTREC (US Transportation):** (800)424-9300  
**CHEMTREC (International Transportation) :** 1(202)483-7616

### 2. HAZARDS IDENTIFICATION

#### CLASSIFICATION:

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Flammable Liquid	Category 3
Carcinogenicity	Category 1B,2B
STOT RE - liver , kidney, central nervous system, auditroy system	Category 1
Acute toxicity, Inhalation	Category 4
Skin irritation	Category 2
Eye irritation	Category 2A, 2B
Germ cell mutagenicity	Category 1B
STOT SE - respiratory system, central nervous system, eyes	Category 3
Aspiration hazard	Category 1
Acute toxicity - Dermal	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Reproductive toxicity	Category 2
Acute hazard to aquatic environment	Category 2
Eye damage	Category 2

#### GHS LABEL ELEMENTS:



**SIGNAL WORD :DANGER**

**HAZARD STATEMENTS :**

(H226) Flammable liquid vapor

(H350) May cause cancer

(H332) Harmful if inhaled

(H318) Causes serious eye damage

(H335) May cause respiratory irritation

(H336) May cause drowsiness or dizziness

(H340) May cause genetic defects

(H373) May cause damage to liver, kidneys, central nervous system, auditory system through prolonged or repeated exposure

TOXIC TO AQUATIC LIFE

VAPOR HARMFUL

(H302) Harmful if swallowed

(H304) May be fatal if swallowed and enters airways

(H312) Harmful in contact with skin

(H315) Causes skin irritation

(H319) Causes serious eye irritation

(H361) Suspected of damaging fertility

**PRECAUTIONARY STATEMENTS-PREVENTION:**

(P233) Keep container tightly closed.

(P202) Do not handle until all safety precautions have been read and understood

(P210) Keep away from heat, sparks, open flames, hot surfaces

(P240) Ground container and receiving equipment

(P241) Use explosion proof equipment

(P242) Use only non-sparking tools

(P243) Take precautionary measures against static electricity

(P261) Avoid breathing dust, fumes, vapor spray

(P281) Use personal protective gloves, protective clothing, eye and face protection

#### AVOID RELEASE TO ENVIRONMENT

(P262) Do not get in eyes, on skin, or on clothing.

(P201) Obtain special instructions before use

(P264) Wash skin thoroughly after handling

(P270) Do not eat, drink or smoke while using this product

(P271) Use only outdoors or in a well-ventilated area

#### **PRECAUTIONARY STATEMENTS-RESPONSE:**

(P303 + P351 + P353) IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water/shower

P332 + P313) If skin irritation occurs: get medical attention

(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(P314) Get medical advice if you feel unwell

(P304 + P340) IF INHALED: Remove person to fresh air and keep comfortable for breathing

(P312) Immediately call a poison center or doctor if you feel unwell

(P370 + P378) In case of fire: Use foam, alcohol foam, CO<sub>2</sub>, dry chemical, or water fog to extinguish.

(P301 + P310) IF SWALLOWED: Immediately call a poison center or a doctor if you feel unwell

(P302 + P352) IF ON SKIN: wash with plenty of soap and water

(P308 + P313) If exposed or concerned, get medical advice

(P331) Do NOT induce vomiting

(P337 + P313) If eye irritation persists: get medical attention

(P363) Take off contaminated clothing and wash before reuse

#### **PRECAUTIONARY STATEMENTS-STORAGE:**

(P403 + P235 + P233) Store in well-ventilated place. Keep cool. Keep container tightly closed

(P405) Store locked up

#### **PRECAUTIONARY STATEMENTS-DISPOSAL:**

(P501) Dispose of in accordance with local, state and federal regulations

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
2-Methoxymethylethoxypropanol	81	34590-94-8
Polysiloxanes	19	Proprietary

**IMPURITIES:**N/A

\* Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

### 4. FIRST AID MEASURES

**EYES :**Flush eyes immediately with large amounts of water for at least 15 minutes. Seek Medical Attention

**SKIN :**Wash affected area with soap and water. Remove contaminated clothing and shoes. Seek medical attention if symptoms occur. Launder contaminated clothing before re-use.

**INGESTION :**If ingested consult physician or poison control center immediately. Do not induce vomiting unless instructed to do so by a physician. Do Not Induce Vomiting.

**INHALATION :**If affected, remove to fresh air. Restore normal breathing. Treat symptomatically. Get medical attention as needed.

### 5. FIREFIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA :**Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog

**UNSUITABLE EXTINGUISHING MEDIA:**None Known

**SPECIFIC HAZARDS IN CASE OF FIRE:**Vapors may ignite explosively. Flammable liquid and vapors. Vapors may cause flash fire. Extinguish all flames and pilot lights. Turn off stoves, heaters, electric meters and all sources of ignition until all vapors are gone.

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTION FOR FIRE FIGHTERS:** Wear self contained breathing apparatus with a full facepiece operated in pressure demand or other positive pressure mode when fighting fires. Water may be used to cool closed containers to prevent pressure build up and possible explosion when exposed to extreme heat.

### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS :**Eliminate all ignition sources. Ventilate the area. Wear appropriate personal protective equipment. (See Section 8)

**ENVIRONMENTAL PRECAUTIONS:**Keep from entering storm sewers and ditches that lead to waterways.

**METHOD AND MATERIALS FOR CONTAINMENT AND CLEANING UP :**Stop spill at source. Dike and contain if necessary. Contain spill with inert absorbent and transfer to sealable containers for disposal. Pick up should be done with non sparking conductive scoops.

## 7. HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING :**Use appropriate personal protective equipment. (See Section 8)

**CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES :**Contents are FLAMMABLE. Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store in accordance with OSHA 1910.106.

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

### EXPOSURE LIMITS

Components	CAS	Limits
ICH	ICS	OEL

**ENGINEERING CONTROLS:** Provide sufficient mechanical (general or local exhaust) ventilation to maintain exposure below TLV's.

### PERSONAL PROTECTIVE EQUIPMENT

**RESPIRATORY PROTECTION:**If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA against materials in Section 2.

**EYES PROTECTION:**Chemical splash goggles in compliance with OSHA regulations are advised.

**SKIN PROTECTION:**To prevent repeated or prolonged skin contact, wear impervious clothes and boots as well as gloves which are recommended by glove supplier for protection against materials listed in Section 2.

**WORK HYGIENIC PRACTICES:**Wash hands before eating , smoking or using washroom and at the end of the working period.

**OTHER USE PRECAUTIONS:**Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE** :Liquid

**COLOR** :Red

**FLASH POINT AND METHOD** :169 DEG.F. Seta.

**AUTO-IGNITION TEMPERATURE** :Not Determined

**BOILING POINT/RANGE**:371.0 deg F TO 371.0 deg F

**MELTING POINT**:Not Applicable

**VAPOUR PRESSURE** :Not Determined

**VAPOUR DENSITY** :Heavier than air

**VISCOSITY**: 18 - 23 #2 ZN

**SOLUBILITY** :Dilutable in water

**ODOR/THRESHOLD** :Amine type odor.

**UPPER /LOWER FLAMMABLE LIMITS** :N/A TO N/A

**RELATIVE DENSITY** :0.9618258

**EVAPORATION RATE** :Slower than Ether

**FLAMMABILITY (SOLID,GAS)**:Flammable Liquid

**PARTITION COEFFICIENT** :Not determined

**pH** :8.0 - 10.00

**DECOMPOSITION TEMPERATURE**:Not determined

**COATING VOC**:6.4871930

**MATERIAL VOC**:6.4871930

## **10. STABILITY AND REACTIVITY**

**CHEMICAL STABILITY** :Stable

**POSSIBILITY OF HAZARDOUS REACTIONS** :N/A

**CONDITIONS TO AVOID** :Avoid excessive heat, open flames or sparks.

**MATERIALS TO AVOID** :Avoid contact with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS**: Burning may form toxic materials, Carbon Dioxide and Carbon Monoxide.

## **11. TOXICOLOGICAL INFORMATION**

**ACUTE EFFECTS :**

**EYECONTACT** :Can cause irritation to eyes, redness, tearing, and blurred vision.

**SKINCONTACT** :Prolonged and repeated contact can cause moderate irritation, defatting, and dermatitis.

**INHALATION** :Excessive inhalation of vapor can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, and headaches.

**INGESTION** :Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

**TARGET ORGAN** :See chronic effects.

**CHRONIC EFFECTS** :Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

**TOXICITY VALUES** :Not determined

**12. ECOLOGICAL INFORMATION**

**PERSISTENCE AND DEGRADABILITY**:No data available.

Not Determined

**BIO-ACCUMULATIVE POTENTIAL**:No data available.

Not Determined

**MOBILITY IN SOIL**:This material is a mobile liquid.

**OTHER ADVERSE EFFECTS**:Not Determined

No data available.

**ECOTOXICOLOGICAL OTHER INFORMATION**: Not Determined

No data available.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:**Federal,state and local disposal laws and regulations will determine the proper waste disposal procedure.Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. Some waste materials are amenable to recycle/reuse.

**14. TRANSPORT INFORMATION**

**UN NUMBER :** 1263

**UN PROPER SHIPPING NAME :** Paint

**TRANSPORT HAZARD CLASS :** Class 3

**PACKING GROUP :** III

**MARINE POLLUTANT :** Yes

Not Determined

**SPECIAL PRECAUTIONS :** None Known

**15. REGULATORY INFORMATION**

**U.S. REGULATIONS:**

**U.S. SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** See Below

**FIRE :**Yes                      **PRESSURE GENERATING** : No

**REACTIVITY :**No      **ACUTE :** Yes      **CHRONIC :** Yes

**313 REPORTABLE INGREDIENTS:** See Below

**313 REPORTABLE INGREDIENTS**

<b>Chemical Name</b>	<b>Weight %</b>	<b>CAS</b>
2-Methoxymethylethoxypropanol	81	34590-94-8



## 16. OTHER INFORMATION

DATE CREATED	07-15-16
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