

DOLPHIN MDF BOND KIT ACTIVATOR

01

1.1. Product Identifier:

Product Trade Name: Dolphin MDF Bond Kit Activator

1.2. Relevant Identified Uses of the Mixture and Uses Advised against:

Product Use : Accelerator for glue

1.3. Details of the Supplier of the Safety Data Sheet:

Company : AL MUQARRAM AIR FRESHENERS AND SPRAY PAINTS L.L.C.

Address :

Telephone/Fax Number : Tel.: +971 6 5353 796 /Fax: +971 6 5353 964

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02 HAZARDS IDENTIFICATION

2.1. Classification of the Mixture

2.1.1. Classification According to Regulation (EC) No 1272/2008 (CLP/GHS)

(Annex VI to Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Dangerous Substances)

Skin Corrosion/Irritation Category 2, H315

STOT SE, Category 3; H336

Repr. Toxicity, Category 2; H361f

Specific Target Organ Toxicity Rep. Exp. Category 2, H373

Aquatic Chronic, Category 2; H411

2.2. Label Elements

Labelling According to Regulation (EC) No 1272/2008 (CLP/GHS)

Signal Word: Danger

Pictograms or Hazard Symbols



2.2.1. Hazard Statements

H222-Extremely flammable aerosol.

H229-Pressurized container: may burst if heated.

H315-Causes skin irritation.

H336-May cause drowsiness or dizziness.

H361f-Suspected of damaging fertility or the unborn child.

H373-May cause damage to organs through prolonged or repeated exposure.

H411-Toxic to aquatic life with long lasting effects.

2.2.2. Precautionary Statements

2.2.2.1. Prevention

P102-Keep out of reach of children.

P210-Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P211-Do not spray on an open flame or other ignition source.

P251-Do not pierce or burn, even after use.

P260-Do not breathe dust/fumes/gas/mist/vapors/spray.
 P271-Use only outdoors or in a well-ventilated area.
 P273-Avoid release to the environment.
 P280-Wear protective gloves/protective clothing/eye protection/face protection.

2.2.2.2. Response

P301+P310-IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P303+P361+P353-IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+P340-IF INHALED: Remove victim to fresh air and keep at rest in a position 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. Continue rinsing.
 P308+313-IF exposed or concerned: Get medical advice/attention.

2.2.2.3. Storage

P403+P233-Store in a well-ventilated place. Keep container tightly closed.
 P410+412-Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

2.2.2.4. Disposal

P501-Dispose of contents/container through a waste management company authorized by the local government.

2.3. Other Hazards

2.3.1. Physical Hazards

Extremely Flammable Aerosol, Category 1.

2.3.2. Health Hazards

Skin Corrosion/Irritation, Category 2.STOT SE, Category 3. Specific Target Organ Toxicity Rep. Exp. Category 2.

2.3.3. Environmental Hazards

Hazardous to the aquatic environment: Acute hazard, Category 2.

2.4. Information Concerning Particular Hazards for Human and Environment

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

2.5. Additional Informations

Please look over section 11 for toxicological information. Full text of H- and EUH- phrases: See section 16.
 Restricted to professional users.

03 COMPOSITION / INFORMATION ON INGREDIENTS

Description: Mixture of substances listed below with nonhazardous additions.

Ingredients	CAS No.	EC Number REACH-Reg No.	Conc. (% w/w)	Classification Regulation CLP
Hexane	N/A	925-292-5 01-2119474209-33-0011	80-90	H225, H304, H315, H336, H361f H373, H411
Petroleum gases, liquefied	68476-85-7	270-704-2	1-10	H220
N,N-dimethyl-p-toluidine	99-97-8	202-805-4 05-2116407364-52-0000	0,1-1	H301, H311, H331 H373, H412

DOLPHIN MDF BOND KIT ACTIVATOR

04 FIRST AID MEASURES

4.1. General Information: Respiratory, skin and eye disorders.

4.2. After Inhalation: Central nervous system effects. Vapors and mists may cause headaches, nausea, dizziness, and respiratory tract irritation. Residue after evaporation is destructive to mucous membranes.

4.3. After Skin Contact: May cause irritation due to de-fatting of the skin. Redness. Residue after evaporation is destructive to skin.

4.4. After Eye Contact: Vapors may irritate eyes. Contact with eyes will cause irritation. Residue after evaporation is destructive to eyes.

4.5. After Swallowing: Ingestion may cause irritation to mucous membranes Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis.

05 FIRE FIGHTING MEASURES**5.1. Extinguishing Media:**

-Suitable Extinguishing Media: Water spray, alcohol-resistant foam, dry powder or carbon dioxide.

-Unsuitable Extinguishing Media: High volume water jet.

5.2. Special Hazards Arising From the Mixture: Hazardous decomposition products may be formed under fire conditions. Exposure to decomposition products may be a hazard to health. Use water spray to cool unopened containers. If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.

5.3. Advice for Firefighters: According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks. Isolate from heat, electrical equipment, sparks and opened flame. Wear self-contained breathing apparatus.

06 ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures: Remove all sources of ignition. Use personal protective equipment. Avoid contact with skin and eyes. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Immediately evacuate personnel to safe areas.

6.2. Environmental Precautions: Do not allow to escape into waterways, wastewater or soil. Discharge into the environment must be avoided.

6.3. Methods and Materials for Containment and Cleaning Up: Collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite). Clean contaminated surface thoroughly. Keep in suitable, closed containers for disposal according to local / national regulations.

6.4. Reference to Other Sections: See section: 7, 8, 11, 12 and 13.

07 HANDLING AND STORAGE**7.1. Precautions for Safe Handling:**

Use only in well-ventilated areas. Do not breathe vapours or spray mist. Do not get in eyes, on skin, or on clothing. Wash your hands thoroughly after handling. Keep away from heat and sources of ignition. Do not spray on a naked flame or any incandescent material. Do not smoke. No sparking tools should be used. Electrical equipment should be protected to the appropriate standard. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Take precautionary measures against static discharges. Use appropriate container to avoid environmental contamination. Avoid release to the environment.

7.2. Conditions for Safe Storage, Including Any Incompatibilities:

Store in original container. Keep containers tightly closed in a cool, well-ventilated place. Store locked up. Please observe the storage instructions for aerosols. Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. Keep away from food, drink and animal feeding stuffs. Do not store together with oxidizing and self-igniting products.

7.2.1. Pressurized Container:

Aerosol is pressurized. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not open by force or throw into fire even after use. Protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Keep out of the reach of children.

7.3. Specific End Use(s): No data available

EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control Parameters:

Hexane TWA: 50 ppm OEL: 72 mg/m³; 20 ppm (8 sa)
Petroleum gases, liquefied TWA: 1 ppm

8.2. Exposure Controls:

8.2.1. Engineering Controls: Use local exhaust or general dilution ventilation system.

8.2.2. Personal Protective Equipments:

Eye Protection: Safety glasses with side shields or chemical splash goggles.

Skin Protection: Wear suitable flame retardant antistatic protective clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hand Protection: Butyl rubber/nitrile rubber gloves.

Respiratory Protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

8.2.3. Environmental Exposure Controls: Do not flush into sanitary sewer systems/ surface water or ground water.
Avoid release to the environment.

09 PHYSICAL AND CHEMICAL PROPERTIES

9.1. General Information:

Appearance: Aerosol

Colour: Colorless

Odour: Aliphatic hydrocarbon.

Odour Threshold: No data available.

Ph: No data available.

Melting/Freezing Point: Not applicable.

Boiling Point/Boiling Range: 64-72 °C

Flash Point: No data available.

Evaporation Rate: No data available.

Flammability: Flammable.

Explosion Lower/Upper Limits: No data available.

Vapour Pressure: No data available.

Vapour Density: No data available.

Viscosity: No data available.

Specific gravity: 0,78 g/cm³

Solubility: No data available.

Partition Coefficient:n-octanol/water: No data available.

Auto-ignition Temperature: No data available.

Decomposition Temperature: No data available.

Flow Time: No data available.

Explosive Properties: Containing pressurized gas; may explode if heated.

Oxidising Properties: Not oxidizing.

9.2. Other Informations: VOC: 89%

10 STABILITY AND REACTIVITY

10.1. **Reactivity:** No data available.

10.2. **Chemical Stability:** The product is chemically stable under normal usage conditions.

10.3. **Possibility of Hazardous Reactions:** No hazardous reactions known.

10.4. **Conditions to Avoid:** Heat, flames and sparks.

10.5. **Incompatible Materials:** Strong oxidizing agents, acids, amines, bases.

10.6. **Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide, smoke.

11 TOXICOLOGICAL INFORMATION

11.1. **Information on Toxicological Effects:**

Acute Toxicity:

Hexane

LD50 (Oral): 24 ml/kg-Rat

LC50 (Inhalation): >5000 ppm-Rat (24h)

-**Skin Corrosion/Irritation:** Causes skin irritation.

-**Serious Eye Damage/Eye Irritation:** Not classified based on available information.

-**Respiratory or Skin Sensitization:** Not classified based on available information.

-**Germ Cell Mutagenicity:** Not classified based on available information.

-**Carcinogenicity:** Not classified based on available information.

-**Reproductive Toxicity:** Suspected of damaging fertility or the unborn child.

-**STOT - Single Exposure:** May cause drowsiness or dizziness.

-**STOT - Repeated Exposure:** May cause damage to organs through prolonged or repeated exposure.

-**Aspiration Toxicity:** Not classified based on available information.

12 ECOLOGICAL INFORMATION

12.1. **Toxicity:**

Hexane

LC50: >1000 µg/l-Fish (48h)

EC50: 45 mmol/m³-Invertebrates (48h)

EC50: 2.66%-Alga (10d)

12.2. **Persistence and Degradability:** Hexane: Readily biodegradable

12.3. **Bioaccumulative Potential:** Hexane BCF: 501

12.4. **Mobility in Soil:** No data available.

12.5. **Results of PBT and vPvB Assessment:** No data available.

12.6. **Other Adverse Effects:** The product should not be allowed to enter drains, water courses or the soil.

13 DISPOSAL CONSIDERATIONS

13.1. **Waste Treatment Methods**

Product: Dispose of in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Contaminated packaging: Dispose of as unused product. Empty containers should be taken to an approved waste handling site

for recycling or disposal.

14 TRANSPORT INFORMATION

14.1. UN Number:

ADR/RID: 1133

IMDG: 1133

IATA: 1133

14.2. Proper UN Shipping Name:

ADR/RID : AEROSOLS, FLAMMABLE

IMDG : AEROSOLS, FLAMMABLE

IATA : AEROSOLS, FLAMMABLE

14.3. Transport Hazard Class(es):

ADR/RID: 3

IMDG: 3

IATA: 3

14.4. Packing Group: III

14.5. Environmental Hazard: Hazardous to the environment.

14.6. Special Precautions for User:

IMDG-EmS Number : F-D, S-U

ADR-Tunnel Restriction Code : (D)

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

15 REGULATORY INFORMATION

15.1. Safety, Health and Environmental Regulations Specific for the Preparations

Regulation (EC) No 1907/2006, (REACH)

Regulation (EC) No 1272/2008, (CLP)

Aerosol Dispensers Directive 75/324/EEC, (ADD)

ADR-European Agreement Concerning the International Carriage of Dangerous Goods by Road

16 OTHER INFORMATION

16.1. Indication of Changes to the Previous Version

Date Prepared: 02.02.2015

Revision Date: 05.05.2015

Revision No: 1.4.

16.2. Abbreviations and Acronyms

CLP: Classification, labelling and packaging.

GHS: Globally harmonized system of classification and labelling of chemicals.

ADR: European agreement concerning the Int. carriage of dangerous goods by road.

IATA: International air transport association.

ICAO: International civil aviation organization.

IMDG: International maritime code for dangerous goods.

CAS No: Chemical abstract service index number.

EC50: Half maximal effective concentration.

LC50: Median lethal concentration.

LD50: Median lethal dose.

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H225: Highly flammable liquid and vapour.

H229: Pressurized container: may burst if heated.

H280: Contains gas under pressure; may explode if heated.

H301: Toxic if swallowed.

H304: May be fatal if swallowed and enters airways.

H311: Toxic in contact with skin.

H315: Causes skin irritation.

H331: Toxic if inhaled.

H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

H361f: Suspected of damaging fertility.

H373: May cause damage to organs through prolonged or repeated exposure.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

16.3. Further Information

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. The company supplying entity shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

Department issuing SDS: Product safety department.

Contact: Product safety department.