

This data sheet has critically important information and hence BETA PROSES recommend you to read this MSDS from beginning to the end. If there is no other special methods or behaviours, you need to follow all precautions listed in this document. (EU) NO 1907/2006

**1. DESCRIPTION OF THE PRODUCT AND THE COMPANY**

COMMERCIAL NAME : BLUE BIRD FUSING 44 SPRAY 500 ML  
 COMPANY TITLE : BETA PROSES ÖZEL KİMYASALLAR SAN.VE TİC.LTD.ŞTİ.  
 Hoşdere Mevkii İsiso San.Sitesi V-2 BLOK N.9 Esenyurt İSTANBUL  
 TELEPHONE :00 90 212 - 6231854  
 FAX NUMBER :00 90 212 - 6231858  
 EMERGENCY TELEPHONE : 00 90 212 - 6231856  
 USING AREA OF THE PRODUCT : Industrial



**2. INFORMATION ABOUT MATERIAL AND ITS COMPONENTS**

	%W / W	CAS NO	EINECS NO	Labeling
CHEMICAL NAME :	HALOGENATED HYDROCARBON	80-90	75-09-2	200-838-9 Xn
CHEMICAL NAME :	POLY(DIMETHYLSILOXANE)	7-10	63148-62-9	Unlisted
CHEMICAL NAME :	CARBON DIOXIDE	4-7	124-38-9	204-696-9

**3. INFORMATION ABOUT DANGER OF THE MATERIAL CONTENT**

**Halogenated Hydrocarbon solvent**

**Human Health:** It is not poisonous, in case of extreme inhale it may cause anesthetic effect, It decreases and dries the skin after contact.It may cause burns on the skin in non evaporated places.

**Effect on Environment:** It's not harmful for ozone layer. It is harmful for plants if it is poured on them. It does not dissolve in water. It is harmful for creatures living in water.

**Flammability or explosion:** It is nonflammable.

**Classification:** It's classified in nonflammable materials.



**Poly (dimethylsiloxane)**

**Human Health:**It's not poisonous, It does not cause any skin irritation.

**Effect on Environment:** It is not harmful for the creatures living on land or in water.

**Classification:**It s not classified dengerous materials.

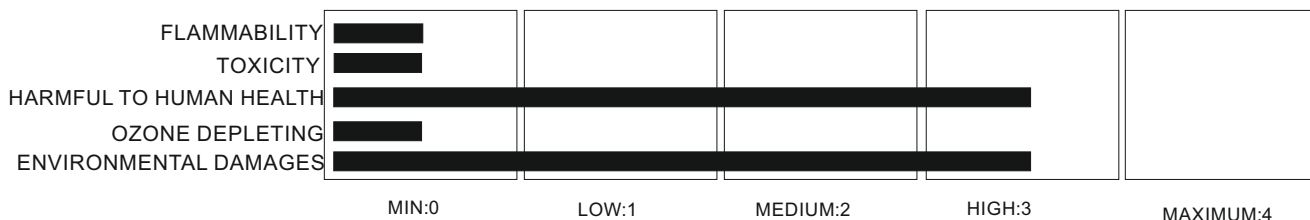
**Carbon Dioxide**

**Human health:** :It is not poisonous.In case of extreme breathing in it blocks the respiration.

**Effect on Environment::**No harmful effects on organisms living on land or in water.

**Flammability or explosion:**Non-Flammable gas.

**Classification:** Non-Flammable gas group.



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### 4. FIRST AID MEASURES:

**If it is inhaled for a long time:** The patient must be taken out to open-air. If the patient hardly breaths or fainted, call the doctor urgently. If needed, oxygen gas must be given to the patient. **For Doctors:** As epinephrine and equal characteristic medicines may cause serious heart rhythm disorder, they should not be given to the patients having lack of oxygen due to chlorinated hydro carbon effect.

**If it contacts with the skin for a while:** The contact area must be washed with soapy water. If it is not enough to heal, visit a doctor.

**If it contacts with the eyes:** Eyes should be washed with water and eye washing solution. If it is not enough to heal, visit a doctor.

**In situation of swallowing:** Do not make the patient vomit, get the patient drink a glass of water or a glass of milk and visit a doctor urgently.



### 5. FIRE FIGHTING MEASURES

**Non-flammable**

**Fire extinguisher materials:** Carbondioxide containing foam extinguishers, dry extinguishers and sand.

**Unsuitable extinguishers:** Water.

**Appropriate Equipments:** Wear the protective fire clothes (fire helmet, fire pants, fire boots and neoprene fire gloves), gas mask.

**Decompose materials which arised at fire situation:** Carbondioxide(CO<sub>2</sub>), decomposed carbon containing compounds.

**Fire extinguishing Procedures:** Keep unnecessary people away, isolate the dangerous area and avoid unnecessary entries to the area. Take position against the wind. Stay away from the low places where dangerous gases may accumulate densely. Until the extinguishing of fire is completed and until the refiring risk is certainly gone, spray water spray on the exposed goods and effected areas from the fire to cool them. Remove the burning materials from the fire area if there is no danger. To protect the personnel and to reduce the material damage, you may move the burnt material by spraying water on them.



### 6 . ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Especially the small and narrow usage places must be well ventilated. You must wear positive pressured oxygen mask in case of extreme leakage. Let the wind or air blows from your behind.

**Cleaning Methods:** Remove the chemical from the area by spraying drying powders on it.

**Precautions about protection of the environment:** Prevent large amount of leakages in waterways.

### 7. USING AND STORAGE

**Using precautions:** Ventilate the usage area, do not breathe it for long time, do not apply it on the open-fires and hot things or hot places, do not contact the material by skin and by clothes directly, do not eat anything or smoke during working.

**Storage:** Do not store it in the humid areas, not to be stored in the same place with oxidize and corrosive materials, nor with flammable materials. Keep it away from the sunlight. Store it in cool and clean places.

**Package:** In pressed aerosol tubes

**Shelf life:** 5 years.

**8. EXPOSURE CONTROL AND PERSONAL PROTECTION**

Name	CAS numbers	Exposure limits
HALOGENATED HYDROCARBON	79-01-6	50 ppm.
POLY(DIMETHYLSILOXANE)	63148-62-9	-----
CARBON DIOXIDE	124-38-9	5000 ppm.

**Personal protection devices:**

**Breathing:** Do not breath the vapour of the material, ventilate the usage area, in long time usages and in closed working places wear gas mask.

**Skin and hands:** Wear the gloves with chemical resistance, wear daily working clothes.

**Protection of eyes/face:** Wear protective glasses against chemicals, protective glasses must be matched with EN 166 or equal standart.



**9. PHYSICAL AND CHEMICAL PROPERTIES**

**PRODUCT**

Physical state	: Liquid
Color	: Colorless
Smell	: Characteristic
PH	: It cannot be measured because it is insoluble..
Flash point	: No
Boiling point	: 87°C
Density ( 25°C )	: 1,39 g/ml
Dissolution	: Cannot dissolve in the water, dissolves in the organic solvents

**10. STABILITY AND INTERACTION**

**Stability** : At appropriate storage conditions it is stable.

**Interaction** : No

**Dangerous decomposition products:** CO + Co2 + Cl

**11. TOXICOLOGICAL INFORMATION**

**Acute:** If the precautions are applied during working, it's not harmful.

**Local Affects:** For daily contacts with necessary precautions, it doesn't cause irritations on trachea.

If the user is exposed to high concentration of the material for a long time, then it may cause irritation on mucosa membrane, it may cause to easy or mediocrity skin irritations, it may degrease the skin and may also cause to skin dryness.

On the eyes it may cause to heavy irritations.

If it is swallowed, it may cause heavy irritations, but it does not cause any toxic affect.

If it is inhaled for a long time, it may form dyspnea situation.

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### 12. ECOLOGICAL INFORMATION

**To Destroy:** According to the local rules it can be destroyed by using physical and chemical methods.

**Permanence:** Unknown

**Ecologic Toxicity:** If it is poured on plants, it is harmful for them.

### 13. WASTE INFORMATION

**Destroying of the product:** it can be burnt according to the local rules

**Destroying of the package:** Do not throw empty aerosol tubes on fire even after getting empty. Send the cans to recycling or to legal waste collection system after opening a small hole on the valve crock to pump out all of the remaining gas and press the can to a flat position.

### 14. TRANSPORTATION INFORMATION

Land route and sea route transportation ( ROAD/RAIL ADR/RID )

UN-NO:1950      Labels :Aerosols-non-flammable gas      Packing Group:None  
Sea route transportation(IMDG Code:UN n)  
UN-NO:1950 , Labels :Aerosols-non-flammable gas      Packing Group:None

### 15. REGULATION INFORMATION

#### EEC Classification and labelling method

R:21 Harmful in contact with skin  
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R67 Vapours may cause drowsiness and dizziness  
S: 9 Keep container in a well-ventilated place  
S:24 Avoid contact with skin  
S:25 Avoid contact with eyes  
S:26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S51 Use only in well-ventilated areas



### 16. OTHER INFORMATION

This material safety data sheet is prepared in accordance with EEC regulations. The people who use this product directly or indirectly, distributors of this product have to read this material safety data sheet carefully and have to understand what is written in this document. The responsibility of reading and understanding of the material safety data sheet relates to buyer person or buyer company. The informations and directives in the material safety data sheet rely on the scientific and technical informations with their date written in the material safety data sheet. Beta Proses Special Chemicals Industrial and Commercial Limited Company is not responsible from any occurring bad situation which is sourced from lack of the scientific and technical informations thus far the written date in the material safety data sheet. BETA does not recommend the using of this product at below signified conditions: Possibility of the mixing with sand or underground waters (on the ground, in washbasin, in canalization, in septic tanks) – possibility of exposure for a long time (small rooms, closed areas, insufficient ventilated places) – possibility of contact with the skin (in removing of sticky band from the skin, in cleaning of the hands from oil and grease ) – in directly contact with the foods and drinks – in vaporization in flammable temperature interval – in the places where removing of the waste cans may rise a risk for environment or health.