

MATERIAL SAFETY DATA SHEET

 MAY BE USED TO COMPLY WITH OSHA'S Hazard communication standard 29 CFR 1910
 1200. Standard must be consulted for specific requirements

REDAM/ RB. INC. 13791 Friendship Road PILOT POINT, TX. 76258 PHONE 940-440-0495	EMERGENCY CONTACT PHONE NUMBER PREPARED BY REVISION DATE	GERALD 940-440-0495 RUTH BEATY 01-10-2012
--	---	--

PRODUCT NAME POLY PROOF PROTECTIVE HAND CREAM

FORMULA 114710
 HMIS RATING HEALTH= 0 FIRE=0 REACTIVITY= 0 (Scale 0-4, where 4= severe hazard)

SECTION II- INGREDIENTS

This product is manufactured and labeled in compliance with Federal Food, Drug, and Cosmetic Act, and is exempt from the labeling requirements of the OSHA Hazard Communication Standard. All product ingredients are listed below.

INGREDIENTS	CAS NUMBER
Water	7732-18-5
Stearic Acid	57-11-4
Propylene Glycol	57-55-6
Cetearyl Alcohol	67762-27-0
Talc	14807-96-6
PEG-75 Lanolin	61790-81-6
Bentonite	1302-78-9
Methylparaben	99-76-3
Chloroxylenol	88-04-0
Triethanolamine	102-71-6
Propylparaben	94-13-3
Methylcellulose	9004-67-5
Titanium	13463-67-7
Fragrance	NA

SECTION III- PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	212°F	SPECIFIC GRAVITY (H2O=1)	1.0 0.01
Vapor Pressure(mmHg11)	NA	MELTING POINT	NA
VAPOR DENSITY (Air=1)	NA	EVAPORATION RATE(Butyl Acetate=1)	NA
SOLUBILITY IN WATER	Appreciable	pH	6.5-7.5
Appearance & Odor	Fragrant, off-white to grayish cream		

SECTION IV- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	Non-flammable
FLAMMABLE LIMITS	LEL: NA UEL: NA
EXTINGUISHING MEDIA	Dry chemical, carbon dioxide, water spray(fog) or regular foam
SPECIAL FIRE FIGHTING PROCEDURES	Blanket fire with extinguishing medium. Water or Foam may cause frothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS	Undetermined

SECTION V- REACTIVITY DATA

STABILITY	Unstable Stable	X	Conditions to Avoid:	None known
INCOMPATIBILITY	Oxidizing agents			
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS	Undetermined			
HAZARDOUS POLYMERIZATION	May Occur Will not Occur	X	Conditions to Avoid:	None Known

SECTION VI- HEALTH HAZARD DATA

ROUTE(S) OF ENTRY	Skin, Ingestion only by accidental or intentional misuse			
HEALTH HAZARDS:				
Eyes:	May cause temporary irritation			
Ingestion:	May result in nausea, gastrointestinal discomfort, vomiting or diarrhea.			
EMERGENCY AND FIRST AID PROCEDURES				
Eyes:	Immediately flush eyes with clean water for at least 15 minutes or until irritation Subsides. Consult with a physician attention if pain or irritation persists.			
Ingestion:	Consult with a physician immediately			

SECTION VII- PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL	Apply absorbent material and place in covered containers for disposal.
WASTE DISPOSAL METHOD	Dispose in accordance with state, local and federal Regulations.
PRECAUTIONS FOR HANDLING AND STORAGE	Keep container covered when not in use. Store at room temperature. Avoid contact with incompatible Materials, and excessive heat and cold.

SECTION VIII- CONTROL MEASURES

SPECIAL RESPIRATORY PROTECTION	None required
SPECIAL SKIN PROTECTION	None required
SPECIAL EYE PROTECTION	None required

While this information and recommendations set forth herein are believed to be accurate as of the date hereof, REDAM/RB INC, makes no warranty with respect thereto and disclaims all liability from reliance thereon, and responsibility for improper application or misuse of product in any manner whatsoever. Final determination of suitability of any material is the sole responsibility of the user.

(M S D S) MATERIAL SAFETY DATA SHEET

MAY BE USED TO COMPLY WITH OSHA'S Hazard communication standard 29 CFR 1910
1200. Standard must be consulted for specific requirements

REDAM/ RB INC
13791 FRIENDSHIP RD
PILOT POINT, TX. 76258
940-440-0495

CLASS 1

QUICK IDENTIFIER
COMMON NAME (used pm label and list)

SIGNATURE OF PERSON
Responsible for preparation (optional)

Information call: 1-940-440-0495
DATE PREPARED 12-01-88

SECTION 2- HAZARDOUS INGREDIENTS/IDENTITY

HMS: H F R PPE
2 4 1 B

(CAS NO. 601-35-4)

Hazardous Components (chemical & common names)	OSHA PEL	AGGIH TVL	Other Exposure Limits	% Optional	CAS NO.
Polymeric diphenylmethane diisocyanate			0.02ppm	30-36	101-68-8 and 9016-87-9
*Chlorofluorocarbon Blends			1000ppm	15-40	75-71-8 and 75-69-4

*The TLV is taken from similar material since the exact compound has not been tested

SECTION 3- PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	-18 deg. f	Specific Gravity (h.o.l)	1.2	Vapor Pressure (mm Hg)	70
Solubility in Water	REACTS WITH WATER	Reactivity in Water	REACTS WITH WATER		
Appearance and Odor	Viscous Liquid	Melting Point	na		
Density (Air=1)	3.9				

SECTION 4- FIRE & EXPLOSION DATA

Flash Point	Method	Flammable Limits in Air % by Volume	LEL Lower	UEI Upper
NA F.C.	Used NA			

Auto-Ignition Temperature	Extinguisher Media	CO2, Dry Chemical, Halon 1211, Chemical foam
---------------------------	--------------------	--

Special Fire Fighting Procedures Self-contained breathing apparatus to protect against toxic vapors or combustion products

Unusual Fire and Explosion Hazards Containers develop pressure when heated. Water contamination will produce carb dioxide

SECTION 5- PHYSICAL HAZARDS (REACTIVITY DATA)

Stability Unstable Conditions
 Stable to avoid Do not store above 120 deg. F.
 Incompatibility
 (Materials to Avoid) Avoid alcohols, water, strong bases or amines, metal compounds.
 Hazardous
 Decomposition Products Carbon Dioxide or Monoxide, Nitrogen oxides, traces of HCN
 Hazardous May Occur Conditions
 Polymerization Will not Occur to Avoid High temperatures, alkalis, amines, metal compounds

SECTION 6-HEALTH HAZARDS

1. Acute Not Determined 2. Chronic Not Determined

Signs and
 Symptoms of Exposure May irritate mucous membrane, with tightness in chest, asthma-like sensitivity. High concentrations of
 Chlorofluorocarbon can cause light-headedness or cardiac irregularities.

Medical Conditions Generally
 Aggravated by Exposure Respiratory or skin irritation

Chemical Listed as Carcinogen National Toxicology yes I.A.R.C. yes OSHA yes
 or Potential Carcinogen Program no No no

Emergency and
 First Aid Procedures According to the routes of entry listed below

1. Inhalation: Remove to fresh air, give respiration or oxygen, call physician
 ROUTES 2. Eyes, Flush with lukewarm water for 15 minutes, call physician
 OF 3. Skin, Wash with soap and water.
 ENTRY 4. Ingestion; Drink 2-3 glasses of water, call physician

SECTION 7- SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be taken
 in Handling and Storage, Store Between 30 F. and 120 F. Keep containers closed until used. Keep out of reach of children.
 Other Precautions, Comply with local building and fire codes, Read and follow instructions
 Steps to be taken in case
 Material is Released or Spilled Provide ventilation, isolate area, After cure, collect in open containers
 Waste disposal
 Methods (Consult federal, State, and Local regulations) Release pressure from containers, Cured foam is non-hazardous waste.

SECTION 8- SPECIAL PROTECTION INFORMATION/CONTROL MEASURE

Respiratory Protection
 (Specify Type) Ventilation or respirator to meet TLV of 0.02 ppm
 Ventilation Local Mechanical Special Other
 See Above Exhaust. See Above (General) May be used
 Protective Eye
 Gloves Rubber or plastic gloves recommended Protection Safety goggles recommended
 Other Protective
 Clothing or Equipment As needed
 Work/Hygienic Practices Keep away from heat, Observe normal hygienic practices.

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA'S Hazard Communication Standard
29 CFR 1910,1200. Standard must be consulted for specific requirement

IDENTITY (As Used on Label and List)
POLYFIX™ 10000

Note: Blank spaces are not permitted .If any item is not applicable,
or no information is available, the spaces must be marked to
indicate that.

SECTION I

Manufacturer's Name
REDAM/ RB INC.

Emergency Telephone Number
940-440-0495

Address (Number, Street, City, State, and Zip Code)
13791 Friendship Road
PILOT POINT, TX. 76258

Telephone Number for Information
940-440-0495

Dated Prepared
January 11, 2008

Signature of Preparer(optional)

SECTION II Hazardous Ingredients/ Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s) OSHA PEL ACGIH TLV other Limits
Recommended %(opt)

Hazardous Components (Specific Chemical Identity: Common Name(s) OSHA PEL ACGIH TLV other Limits Recommended %(opt)	OSHA PEL	ACGIH TLV	other Limits	Recommended %(opt)
Synthetic Hydrocarbon	300	No List	HMIS	>98
(CAS NO. 64742-48-9)			H-1,F-2,R-0	
TSCA -Registry Number <u>Proprietary</u>				
DOT- Petroleum Naphtha, Combustible Liquid,		Un 1268 III		
CERCLA- No special reporting if spilled, contact local authorities				
SARA- Title III Hazard Class, Fire				
N, N Dimethyl -P-Toluidine	Not Est.	Not Est.		>1
(CAS No. 99-97-8)		MIL SPEC-A-46050-C-TYPE II- A or III-A		
Schedule B HS # 2903.69.0000				
All ingredients in this product comply With the TSCA Inventory requirements				
Note: Containers of less than 120 gal. are not regulated by Dot				
SECTION- Physical/ Chemical Characteristics				
Boiling Point 320-351° F.	Specific Gravity (H2O = 1 .75			
Vapor Pressure(mm Hg) 2mmHg/100° F.	Melting Point Less than 32° F.			

SECTION- Physical/ Chemical Characteristics

Vapor Density (AIR=1)
Less than .01% @ 77° F. < 1

Evaporation Rate
(Butyl Acetate = 1) .3 Approximate

Solubility in Water
Less than .01% @ 77° F.

Appearance and Odor
Clear Colorless liquid with light naphtha odor.

SECTION IV- Fire and Explosion Hazard Data

Flash Point (Method Used) 104° F. (TCC)	Flammable Limits @ 77° F.	LEL 1.2	UEL 9.6
--	------------------------------	------------	------------

Extinguishing Media
Foam or dry chemical, water mist to cool

Special Fire Fighting Procedures. Water spray to cool surfaces and protect personnel. Foam or dry Chemical to extinguish. Avoid spraying water into storage container.

Unusual Fire and Explosion Hazards
Can release vapors that form combustible mixtures at or above flashpoint.

SECTION V- Reactivity Data

Stability	Unstable Stable	X	Conditions to Avoid None
-----------	--------------------	---	-----------------------------

Incompatibility (Materials to Avoid)
None

Hazardous	May Occur	Conditions to Avoid None
-----------	-----------	-----------------------------

Polymerization	Will not Occur	X
----------------	----------------	---

SECTION VI- Health Hazard Data

Route(s) of Entry	Inhalation? Yes	Skin? low toxicity	Ingestion? minimal toxicity
-------------------	--------------------	-----------------------	--------------------------------

Health Hazards (Acute and Chronic)
Inhalation- High vapor concentrations are irritating to eyes and respiratory tract. May cause headache and Dizziness. Ingestion - Get Medical help. Do Not induce vomiting.

Carcinogenicity: None	NTP?	IARC Monographs?	OSHA Regulated? Combustible
--------------------------	------	------------------	--------------------------------

Signs and Symptoms of Exposure
See Above

Medical Conditions
Generally Aggravated by Exposure Respiratory if very high concentration.

Emergency and First Aid Procedures
Eye- Flush with water until irritation subsides, if irritation continues get medical Help. Wash skin with soap /water. Remove clothes, wash before reuse.

SECTION VII- Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled
Eliminate sources of ignition. Small spills, allow to dry or clean up with absorbent material . This material will be combustible.

Consult an expert on waste disposal to ensure conformity to local regulations.
None for Safety. Product will last longer if stored in a cool and dry environment.

Precautions to be Taken in Handling and Storing
None for Safety. Product will last longer if stored in a cool and dry environment.

Other Precautions
Do not spray near sources of ignition, open fires, lite cigarettes, etc.

SECTION VIII- Control Measures

Respiratory Protection (Specify Type)
None specific, local ventilation adequate.

Ventilation	Local Exhaust	Special
	<u>Recommended</u>	<u>None</u>
	Mechanical (General)	Other

Protective Gloves	Eye Protection
Yes	Yes

Other Protective Clothing or Equipment

Work/Hygienic Practices
Standard Solvent- use work practices as if with naphtha.

-

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA'S Hazard Communication Standard
29 CFR 1910,1200. Standard must be consulted for specific requirement

IDENTITY (As Used on Label and List)
POLYFIX™ 14000

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION I

Manufacturer's Name REDAM/ RB INC.	Emergency Telephone Number 940-440-0495
Address.(Number, Street, City, State, and Zip Code 13791 FRIENDSHIP ROAD PILOT POINT, TX. 76258	Telephone Number for Information 940-440-0495
Date Prepared JANUARY 4, 2008	
Signature of Preparer (optional)	

SECTION II- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common's Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended % (optional)
Ethyl 2-Cyanoacrylate	Not Listed		97.0
(CAS NO. 7085-85-0)			
Others			3.0
MIL SPEC-A-46050-C	H-2, F-2, R-1		
	VOC'S- 0%		
All ingredients in this product comply With the TSCA Inventory requirements.			

SECTION III- Physical/Chemical Characteristics

Boiling Point (6mmHg)	149° F	Specific Gravity (H2O=1)	1.05
Vapor Pressure (mm Hg) (68° F)	0.17mmHg	Melting Point	-22° F
Vapor Density (AIR=1)	4.34	Evaporation Rate (Butyl Acetate= 1)	0.15
Solubility in Water Insoluble. Water causes rapid polymerization.			
Appearance and Odor Colorless liquid with odor			

SECTION IV- Fire and Explosion Hazard Data

Flash Point(Method Used) 181° F (Closed Cup)	Flammable Limits (% by VOL.) N/A 2	LEL 1.7	UEL No Data
---	--	------------	----------------

Extinguishing Media
Dry chemical, carbon dioxide

Special Fire Fighting Procedures
Self contained breathing apparatus with face piece and protective clothing if involved in a fire of other materials.

Unusual Fire and Explosion Hazards
None Known.

SECTION V- Reactivity Data

Stability	Unstable	X	Conditions to Avoid High humidity, high temperature or ultraviolet ray.
	Stable		

Incompatibility (Materials to Avoid)
Basic compound such as amines.

Hazardous Decomposition of Byproducts
Will not occur.

Hazardous Polymerization	May Occur	X	Conditions to Avoid Contact with basic compound such as amines.
	Will Not Occur		

SECTION VI- Health Hazard Data

Route(s) of Entry	Inhalation? Yes	Skin? No	Ingestion? NO
-------------------	--------------------	-------------	------------------

Health Hazards (Acute and Chronic)
Skin: Rapid polymerization will occur on skin with heat. If a quantity is large, skin burning may happen. Inhalation: High vapor concentration can induce mucous, headache and giddiness. Eye: Eye irritation and lachrymation will occur slightly.

Carcinogenicity:	NTP? No	IARC Monographs? No	OSHA Regulated? No
------------------	------------	------------------------	-----------------------

Signs and Symptoms of Exposure
Mild irritation of eyes, nose and throat.

Medical Conditions
Generally Aggravated by Exposure Inhalation: Nasal mucous, headache and giddiness in some individuals. Eye:
Lachrymation, irritation.

Emergency and First Aid Procedures: Skin : Wash material off the skin with plenty of water. Eye: If eye contact occurs, immediately flush with plenty of water for at least 15 minutes and get Medical Attention. Inhalation: Remove person to fresh air. If cough or respiratory symptoms develop, get Medical Attention.

SECTION VII- Precautions for Safe Handling and Use

Step to Be Taken in Case Material is Released or Spilled
Wear eye protection, protective clothing, Wipe and soak up liquid with absorbent like rag if a large quantity is spilled.
Ventilate spill area.

Waste disposal Method
Immerse absorbent in a pail of water and dispose as oily rags. Water will cause instant polymerization to an inert solid.

Precautions to Be Taken in Handling and Storing
Avoid contact with skin and eyes.

Other Precautions
Avoid storage with primers. Store in dark, cool place.

SECTION VIII- Control Measures

Respiratory Protection (specify Type)
Not normally needed if controls are adequate.

Ventilation	Local Exhaust	Special
	Normal air exchange	Not required
	Mechanical (General)	Other
	Normal air exchange	Not required

Protective Gloves	Eye Protection
Rubber or polyethylene gloves	Eye glasses

Other Protective Clothing or Equipment
Not Required

Work/Hygienic Practices
Not Required